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Accountability 2.0

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ACCOUNTABILITY 2.0

JOHN EDWARD PERCEVAULT

B. Ed., University of Lethbridge, 1979

A One-Credit Project
Submitted to the Faculty of Education
of The University of Lethbridge
in Partial Fulfillment of the
Requirements for the Degree

MASTER OF EDUCATION

LETHBRIDGE, ALBERTA
August, 1990
Single Course Project

AccountAbility 2.0

Submitted By:

John E. Percevault

Master Teacher Program
University of Lethbridge,
June, 1989
For my father
Thanks are extended to the
School Trustees, Administrators,
and Secretaries of Yellowhead
School Division No. 12. Without
the continued support, this
project would not be finished.

Thanks are extended to
Dr. M. Fisher, University of
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assistance.
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Section One - Introduction
In response to a request by Mr. Klaus Puhlmann, Superintendent of Schools, Yellowhead School Division No. 12, I developed the enclosed accounting package for system-wide use and for credit on my Master Teacher program at the University of Lethbridge.

Purchasing and Accounting - Operational Considerations in Yellowhead School Division No. 12

1. On authority of the school principal, purchase orders are initiated at the school level and forwarded to vendors. On receipt of goods, the school principal approves invoices for payment and invoices are forwarded to the central office accounting staff for payment.

2. All schools were implementing a manual synoptic journal to track expenditures by program area.

   Examples: Administration, Art, Business Education

   Each school in Yellowhead had a different set of budget areas to reflect the uniqueness of grade levels and program offering.

3. Yellowhead School Division is required to track expenditures in accordance with accounts defined by Alberta Education.

   Examples: Services Contracted or Purchased, Textbooks, Supplies

   An IBM System 34 minicomputer accounting system is maintained at the division central office. Invoices, approved for payment, are posted to Alberta Education accounts and monthly reports are forwarded to school administrators.

Past Practices and Agreed Limitations

1. The monthly central office report provided little useful information to a school administrator wanting financial information by program area. This report was dated and did not reflect new encumbrances initiated by the school.

2. A sequence of first recording purchase order transactions and subsequent updating of invoice values to program areas required a significant allocation of secretarial time. Projected department balances were difficult to obtain and the values were not always valid.
New Directions:

On evaluation of the effectiveness of the accounting systems implemented at both levels, it was decided to purchase or develop a microcomputer-based accounting model to reduce secretarial time and to provide easily obtainable budget summaries and reports.

The new system would meet the present organization needs without a major change to purchasing and accounting procedures. Schools would be able to track purchase orders and invoices to user-defined budget areas and account summaries would be provided in real time. Alberta Education account summaries were required at the school level to provide a reconciliation report to the monthly central office report.

Two schools previously piloted a microcomputer spreadsheet model for accounting, but reports were difficult to obtain, and the manipulation of a large worksheet was cumbersome. As a result, spreadsheets were rejected for system-wide adoption. Commercial accounting software packages were reviewed, but rejected for the lack of encumbrance processing, or for cost considerations.

On completion of Management Arts 3760, Topical Issues in Data Base Management, I offered to develop a program under a dBASE III Plus environment. This process allowed the development of a package to reflect the exact requirements in Yellowhead School Division.

1987-88 Development and Implementation

During the first three weeks in August, 1987, program specifications were completed and I wrote the first version of the program.

Four schools in Yellowhead had an installed office computer system and agreed to pilot the new program. During September and October, a number of program updates were completed to fix errors (primarily centering on error trapping). By January, 1988, six additional schools purchased office computers out of school capital funds and began using the accounting program.

In March, 1988, the division budget was approved, detailing the installation of an office microcomputer in the remaining Yellowhead schools and system-wide implementation began in September, 1988.

1988-89 Coding Update

After field testing the program for 18 months, the secretaries requested a significant rewrite to the data entry portion of the program to reduce data entry times, a tick-off option to assist central office reconciliation, a utilities section for forwarding to a new fiscal year, and a new routine for budget area calculations to reduce data processing times.
These revisions were completed in February, 1989 and distributed to schools along with an update from dBASE III Plus to dBASE IV.

This procedure, for updating code, allowed user input into design and significantly increased user ownership of the software. As a result, we have tentatively agreed to collect requested revisions and release a new update of this code approximately every 18 months. To assist in future program support and modification, our System 34 programmer is now training under the dBASE IV programming language and is expected to complete revisions and inservice under guidance. As our users are becoming more sophisticated, we plan to develop a record editor to allow direct access to the files. Our long range plans include inservice on, and use of the ASSIST program in dBASE.

Past inservice was provided on division inservice days and on-site support is regularly provided as requested. Technical assistance is provided by telephone support and the secretaries have developed an informal support telephone mechanism among themselves.

dBASE III Plus to dBASE IV Upgrade

dBASE was selected as the coding environment as it is the data base standard in the MSDOS world. Many courses are available to our staff on this software and this is an important consideration as staff changes.

The upgrade was purchased to ensure that our PC's are using the latest versions and that our applications are running in the most efficient manner. The dBASE IV upgrade allows the source code to be compiled, reducing data processing and input times.

School Level Apprehensions and Impressions

Most schools immediately abandoned their manual accounting systems, but two schools continued to maintain their manual books for a two-year period. As the administrators and secretaries in these schools were novices to computer use, they did not fully trust the new system, especially when the program intermittently crashed within the first few months. We now have 100 per cent adoption for the 1989-90 school year without manual books.

In our mid-sized primary schools, there was mixed reaction to the details provided by this accounting system. In these environments, it was discovered that they did not budget to program area and this was the real reason for the negative comments regarding automation. They now account by program areas.

Many of our administrators in our larger schools have stated that the success of this application alone has justified the cost of the hardware and software.
Hardware/Software Configuration - By School

Parkland Composite (10 - 12): IBM AT, 640K, 30 MB hard drive, Okidata 2410P printer, dBASE IV

Jubilee Junior (7 - 9): IBM AT, 640K, 30 MB hard drive, Panasonic 1595 printer, dBASE IV

Pine Grove (4 - 6): Laser 286 AT, 640K, 40 MB hard drive, Panasonic 1595 printer, dBASE IV

Westhaven (K - 6): Laser 286 AT, 640K, 40 MB hard drive, Panasonic 1595 printer, dBASE IV

Evergreen (K - 3): Laser 286 AT, 640K, 40 MB hard drive, Panasonic 1595 printer, dBASE IV

A. H. Dakin (K - 3): Commodore PC40 AT, 640K, 40 MB hard drive, Panasonic 1595 printer, dBASE IV

Harry Collinge (8 - 12): Laser 286 AT, 640K, 40 MB hard drive, Panasonic 1595 printer, dBASE IV

Mountain View (K - 7): IBM AT, 640K, 40 MB hard drive, Panasonic 1595 printer, dBASE IV

Crescent Valley (K - 7): IBM AT, 640K, 40 MB hard drive, Panasonic 1595 printer, dBASE IV

Roche Miette (4 - 6): Commodore PC40 AT, 640K, 40 MB hard drive, Panasonic 1595 printer, dBASE IV

Fulham (K - 6): Laser 286 AT, 640K, 40 MB hard drive, Panasonic 1595 printer, dBASE IV

Peers (K - 6): Laser 286 AT, 640K, 40 MB hard drive, Panasonic 1595 printer, dBASE IV

Niton Central (K - 12): Commodore PC40 AT, 640K, 40 MB hard drive, Panasonic 1595 printer, dBASE IV

Wildwood (K - 9): Commodore PC40 AT, 640K, 40 MB hard drive, Panasonic 1595 printer, dBASE IV

Grand Trunk (8 - 12): Commodore PC40 AT, 640K, 40 MB hard drive, Panasonic 1595 printer, dBASE IV

Evansview (K - 7): Laser 286 AT, 640K, 40 MB hard drive, Panasonic 1595 printer, dBASE IV
Spin Off - Other dBASE Code Development and Implementation

Based on our success with local coding of the encumbrance application, I completed a system-wide capital inventory/aging program in February, 1989. This program tracks capital inventory by school and location. Schools are now responsible for record maintenance and a compiled division data base is developed twice yearly for capital replacement calculations and for external audit purposes.

During June, 1989, I am completing an instructional materials fees assessment package to issue invoices, receipts, and past due notices. This program will access required student mailing information from our Columbia Students Records module and will provide a central data base for division-wide assessment of accounts in arrears.

Other Administration Applications

Our PCs were initially purchased for tracking school encumbrances, but the following application packages are used on a regular basis:

- Word Processing - WordPerfect 4.2
- Records Management - Columbia School System and Elementary School System (attendance, academic progress, student records)
- Electronic Mail - Procomm 2.4.2 and Chairman BBS

Classroom Integration

Through the use of the Developers' Edition of dBASE IV, I have managed to legally integrate a run time version of this code as a mini unit in my Accounting 30 classes. Topics center on differentiating between the need requirements of financial accounting (debit/credit) and managerial encumbrance tracking to budget areas in public non-profit organizations.

Rationale for Program

My rationale for program enrollment was to develop a broader background in MSDOS application software for business education integration. Through the development of Lotus 1-2-3 for Students, WordPerfect 4.2 for Students, and Accountability (Encumbrance Coding in dBASE IV), I feel I have met my personal objectives.

Respectfully Submitted,

John E. Percevault
Computer Program Coordinator
Yellowhead School Division No. 12
Section Two -
Technical Reference Documentation
Loading AccountAbility

Select Accounts from the Myshell main menu. The following menu appears:

Accountability - Main Menu 2.0

1 - Data Entry - PO / Invoice / Close
2 - Journal Listings (PO, Invoice)
3 - S_NO Balances (Account, All)
4 - Reconciliation - Tick Off POs
5 - Create / Edit Distributions
6 - Utilities: Backup/Set up/Install/Restore
7 - Quit

Select 7
POCLOSE.DBF  (cloindex.ndx, closeind.ndx)

<table>
<thead>
<tr>
<th>Record#</th>
<th>PO_NO</th>
<th>Vendor</th>
<th>Date</th>
<th>Close</th>
<th>Tick_Off</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>620910</td>
<td>IBM</td>
<td>09/01/87</td>
<td>0</td>
<td>N</td>
</tr>
</tbody>
</table>

(The operator must manually determine when the PO is closed. If the PO is open, all PO values are used to project ending budget balances. If the PO is closed, all invoice values are used to project ending budget balances.)

POFILE.DBF  (poindex.ndx, pos_no.ndx, poy_no.ndx)

<table>
<thead>
<tr>
<th>Record#</th>
<th>PO_NO</th>
<th>Description</th>
<th>S_NO</th>
<th>Y_NO</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>620910</td>
<td>Laser Printer</td>
<td>2</td>
<td>65610</td>
<td>5500.00</td>
</tr>
<tr>
<td>2</td>
<td>620910</td>
<td>Toner</td>
<td>1</td>
<td>65315</td>
<td>165.00</td>
</tr>
</tbody>
</table>

INVFILE.DBF  (invindex.ndx, invs_no.ndx, invy_no.ndx)

<table>
<thead>
<tr>
<th>Record#</th>
<th>PO_NO</th>
<th>INV_NO</th>
<th>INV_DATE</th>
<th>Description</th>
<th>S_NO</th>
<th>Y_NO</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>620910</td>
<td>I2346</td>
<td>09/22/87</td>
<td>Laser Printer</td>
<td>2</td>
<td>65610</td>
<td>5535.00</td>
</tr>
<tr>
<td>2</td>
<td>620915</td>
<td>456C12</td>
<td>09/23/87</td>
<td>Art Supplies</td>
<td>2</td>
<td>65315</td>
<td>210.00</td>
</tr>
<tr>
<td>3</td>
<td>620910</td>
<td>I2579</td>
<td>09/29/87</td>
<td>Toner</td>
<td>1</td>
<td>65315</td>
<td>173.00</td>
</tr>
<tr>
<td>4</td>
<td>620910</td>
<td>W345</td>
<td>09/30/87</td>
<td>Freight</td>
<td>2</td>
<td>65410</td>
<td>35.00</td>
</tr>
</tbody>
</table>

(the above records simulate three invoices to PO_NO 620910; two from the original vendor and one from the shipping company)
(The American date format is used for date ranges: MM/DD/YY)
3 - S_NO Balances (Account, All)

- Screen Summary
  - S_NO
  - Print Screen
  - Print All Account Activity

- Requested Accounts
  - Directly to Printer
    - Open POs
    - Invoices
    - Budget Balance
    (min. 3 pages per S_NO)

- Summary
  - Screen
  - Printer

- All
  - Directly to Printer
    - Open POs
    - Invoices
    - Budget Balance
    (min. 3 pages per S_NO)

S_NO_REQ.DBF (mdx tag S_NO) (work file for required accounts)

<table>
<thead>
<tr>
<th>Record#</th>
<th>S_NO</th>
<th>Description</th>
</tr>
</thead>
</table>

entry character 20
char 2

SUMFILE.DBF (work file - no .ndx or .mdx)

<table>
<thead>
<tr>
<th>S_NO</th>
<th>Desc</th>
<th>Allocation</th>
<th>POTotal</th>
<th>INVTotals</th>
<th>Commitment</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>char</td>
<td>char</td>
<td>numeric</td>
<td>numeric</td>
<td>numeric</td>
<td>numeric</td>
<td>numeric</td>
</tr>
</tbody>
</table>

3 20 12.2 12.2 12.2 12.2 12.2

4 - Reconciliation - Tick Off POs

Yes to Tick Off

No

(Complete after reconciliation with central office report.)
5 - Create / Edit Distributions

- **Create**
  - S_NO
  - Edit
  - Delete
  - Description
  - Amount

- **Budget**
  - Display All
  - Print All

- **YSD**
  - Display All
  - Print All

**BUDGET.DBF** (budindex.ndx)

<table>
<thead>
<tr>
<th>Record#</th>
<th>S_NO</th>
<th>Description</th>
<th>Allocate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Administration</td>
<td>4500.00</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Business Ed.</td>
<td>5500.00</td>
</tr>
</tbody>
</table>

- **sys def**
  - data entry
  - char 2
  - character 20

**YSDFILE.DBF** (ysdindex.ndx)

<table>
<thead>
<tr>
<th>Record#</th>
<th>Y_NO</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>65610</td>
<td>Services</td>
</tr>
</tbody>
</table>

- **sys def**
  - data entry
  - char 2
  - character 20

Allowed only if there is no PO and/or invoice data defined to S_NO.

Allowed only if there is no PO and/or invoice data defined to Y_NO.
6 - Utilities: Backup/Set up/Install/Restore

(B)ackup current year
(S)et up new fiscal year
(I)nstall program updates
(R)estore required fiscal year

Backup: Place a recently formatted disk, WITHOUT previous files in drive A. Press ENTER to continue.

(If you do not reformat the disk, dBASE will prompt to overwrite all files individually. Press the letter 0 to overwrite.)

Set up: You must complete a current backup before access is allowed. This option deletes all purchase order and invoice data, but your school accounts/budgets and Yellowhead accounts remain. Edit the school and Yellowhead accounts as required for the new year.

Install: Place the update program disk in drive A. Press ENTER to continue.

Four files are not updated by this process: CAPMENU.PRG, CAPMENU.DBO, UTILITY.PRG, and UTILITY.DBO. If updating these files, exit to DOS and copy the required files to the dBASE directory.

Restore: You must complete a current backup before access is allowed. Place the required fiscal year backup in drive A. Press ENTER to continue.

7 - Quit
**Directory Listings:**

**Data Base Files:**

| INVFILE.DBF | YSDFILE.DBF | ALLPO.DBF |
| POCLOSE.DBF | Pofile.DBF | BUDGET.DBF |
| SUMFILE.DBF | S_NO_REQ.DBF | ALLINV.DBF |

**Multiple Index Files:**

| ALLPO.MDX | ALLINV.MDX | POFILE.MDX |
| POCLOSE.MDX | INVFILE.MDX | S_NO_REQ.MDX |

**Single Index Files:**

| BUDINDEX.NDX | YSDINDEX.NDX |

**Program Files (source code *.PRG, object/compiled code *.DBO):**

| S_NO_DET.PRG | POENTER.PRG | APPENDIN.PRG |
| APPENDPO.PRG | POCLOSE.PRG | S_NO_SUM.PRG |
| BUDGET.PRG | EDITIN.PRG | EDITPO.PRG |
| CLEAROUT.PRG | YSD.PRG | MENU.PRG |
| ALLOCATE.PRG | EDITYSD.PRG | EDITBUD.PRG |
| JOUR_PO.PRG | JOURNALS.PRG | INVENTORY.PRG |
| JOUR_INV.PRG | S_NO_BAL.PRG | S_NO_ONE.PRG |
| PRINTPO.PRG | UPDATEIN.PRG | JOUR_COM.PRG |
| COMPRINT.PRG | DELETERE.PRG | PRINTIN.PRG |
| UTILITY.PRG | DATAENT.PRG | FILEEDIT.PRG |
| S_NO_REQ.PRG | TICK_OFF | |


| ALLPOS_.FRM | ALLOPEN.FRM | ALLCLO.FRM |
| ALLOY_.FRM | ALLOOPE.FRM | ALLPOCLO.FRM |
| ALLOP.FRM | ALLOPOVI.FRM | ALLPOSTA.FRM |
| ALLINV.FRM | ALLINVS_.FRM | ALLINVY_.FRM |

**Install/Upgrade Utilities:**

- CLEAROUT.PRG - deletes all records in all files
- UPDATEIN - changes index files to tag multiple index files
- TICK_FIX - writes N to new tick_field for all records
To do:

1. additional check: if no YSD and budget accounts, access denied to data entry, journals, and balances programs.

2. use poclose order cloindex
   modify structure
   tick_off  character 1
   do tick_fix

c:\wp\account1.jp
Section Three - Program Listing
close all
set device to screen
set decimals to 2
set talk off
set bell off
clear
@2,20 say 'AccountAbility 2.0'
@6,20 say 'Reindexing Data Base -- Please Wait'
select 5
use ysdfile index ysdindex
pack
use
select 4
use budget index budindex
pack
use
select 3
use invfile order invindex
pack
use
select 2
use poclose order cloindex
pack
use
select 1
use pofile order poindex
pack
use
store '7' to response
store .F. to exit
do while .not. exit
    clear
    @2,23 say 'AccountAbility 2.0 - Main Menu'
    @5,20 say '1 - Data Entry - PO / Invoice / Close'
    @7,20 say '2 - Journal Listings (PO, Invoice)'
    @9,20 say '3 - S_NO Balances (Account, All)'
    @11,20 say '4 - Reconciliation - Tick Off POs'
    @13,20 say '5 - Create / Edit Distributions'
    @15,20 say '6 - Utilities: Backup/Set up/Install/Restore'
    @17,20 say '7 - Quit'
    @20,25 say 'Enter Selection Number;' get response picture '9'
read
do case
    case response = '1'
        do dataent
    case response = '2'
        do journals
    case response = '3'
        do s_no_bal
    case response = '4'
        do tick_off
    case response = '5'
        do allocate
    case response = '6'
        do utility
    case response = '7'
        close all
        quit
endcase
store '7' to response
dataent.prg 05/24/89

close all
select 3
use invfile order invindex
select 2
use pclose order cloindex
select 1
use pofile order poindex
store 'A' to another
do while another = 'A'
store 'R' to retry
    do while retry = 'R'
        select 2
        store 'Q' to response
    clear
    @2,10 say 'AccountAbility 2.0'
    @5,10 say '1 - Data Entry - PO / Invoice / Close (dataent.prg)'
    @10,10 say 'Enter PO_NO, (Q)uit' get response picture '999999'
    read
    store trim(response) to response
    store len(response) to length
    if length < 6 .and. right(response,1) <> 'Q'
        @12,10 say 'Invalid PO_NO, (R)etry, or any key to menu' get retry picture 'X'
        read
        if UPPER(retry) <> 'R'
            close all
            return
        endif
    endif
    if right(response,1) = 'Q'
        close all
        return
    endif
    if length = 6
        find &response
        if .not. found()
            store 'C' to create
            store 'Q' to mvendor
            @13,10 say 'PO_NO'
            @13,18 say response
            @13,25 say 'is not on file.'
            @16,10 say 'Create, or any key to menu' get create picture 'X'
            read
            if UPPER(create) <> 'C'
                exit
            endif
            @19,10 say 'Enter Vendor Name, (Q)uit' get mvendor picture 'XXXXXXXXXXXXXX'
            read
            if UPPER(mvendor) = 'Q'
                exit
            else
                select 2
                append blank
                replace po_no with response
                replace vendor with mvendor
                replace date with date()
                replace close with '0'
                replace tick_off with 'N'
                do fileedit
            endif
        endif
endif

    if found()
        do fileedit
    endif

enddo
enddo
store 'A' to openclose
do while openclose = 'A'
    if close = '0'
        store 'A' to enteragain
        clear
        select 3
        count to invnum for po_no = response
        if invnum > 0
            select 1
            count to ponum for po_no = response
            if ponum = 0
                @7,10 say 'This PO_NO has invoice records but no purchase order records.'
                @9,10 say 'Be sure to close the PO if you wish the invoice records'
                @10,10 say 'to be included in the calculation for department balances.'
            else
                @7,10 say 'This PO_NO has invoice records and purchase order records.'
                @9,10 say 'Be sure to close the PO if you wish the invoice records'
                @10,10 say 'to be included in the calculation for department balances.'
            endif
        endif
        count to ponum for po_no = response
        if ponum = 0
            @7,10 say 'This PO_NO has no purchase order or invoice records.'
        else
            @7,10 say 'This PO_NO has purchase order records but no invoice records.'
        endif
    endif
    select 1
    store 'Q' to noentries
    @2,24 say 'AccountAbility 2.0'
    @13,10 say 'PO_NO'
    @13,18 say response
    @15,10 say '(P)urchase Entries, (I)nvoice Entries, (C)lose/V oid PO, (Q)uit' get noentries picture 'X'
    read
    store UPPER(noentries) to noentries
    if noentries = 'Q' .and. b->close = '0'
        select 2
        store ' ' to enteragain
        store ' ' to openclose
    endif
    if noentries = 'P'
        do poenter
    endif
    if noentries = 'I'
        do inventer
        if b->close = 'C'
            exit
        endif
    endif
    if noentries = 'C'
        do poclose
        if b->close = 'C' .or. b->close = 'V'
            exit
        endif
    endif
enddo
endif
if b->close = 'C' .or. b->close = 'V'
    store 'Q' to noopen
    @13,10 say 'PO_NO'
    @13,18 say response
    @13,25 say 'is currently'
    if b->close = 'C'
        @13,38 say 'closed.'
    endif
    if b->close = 'V'
        @13,38 say 'void.'
    endif
    @16,10 say 're(0)pen, (O)ut' get noopen picture 'X'
    read
    store UPPER(noopen) to noopen
    if noopen = 'Q'
        exit
    endif
    if noopen = 'O'
        do poclose
    endif
    endif
endo
store 'E' to recordsedit
do while recordsedit = 'E'
    store 'O' to editrecords
    select 2
    store 0 to responseval
    responseval = po_no
    store ' ' to mvendor
    store ' ' to mdate
    mdate = date
    mvendor = vendor
    select 1
    clear
    @1,0 say 'PO DATA ON FILE:'
    count to number for a->po_no = responseval
    if number > 6
        @10,10 say 'Records for PO exceed 6, select (P)rint for Details'
    else
        display for a->po_no = responseval
        endif
    sum to total for a->po_no = responseval
    @13,0 say 'Vendor:'
    @13,10 say mvendor
    @13,26 say 'PO Total:'
    @13,35 say total picture '99999999.99'
    @13,55 say 'PO Date:'
    @13,65 say mdate
    @17,1 say '(A)ppend Record, (E)dit Record, (D)elete Record, (P)rint PO, (Q)uit' get editrecords picture 'X'
    read
    store UPPER(editrecords) to editrecords
    if editrecords = 'Q'
        clear
        exit
    endif
    if editrecords = 'E'
        do editpo
    endif
    if editrecords = 'A'
        do appendpo
    endif
    if editrecords = 'D'
        do deleter
    endif
    if editrecords = 'P'
        do printpo
    endif
enddo
clear
store space(69) to clearline
store ' ' to mdesc
store 0 to mamt
@3,25 say 'Append Record to Purchase Order'
@6,5 say 'Vendor:'
@6,15 say mvendor
@5,35 say 'PO_NO: '
@6,43 say response
@8,5 say 'Description: ' get mdesc picture 'XXXXXXXXXXXXX'
read
store 'A' to anotherly_no
do while anotherly_no = 'A'
store ' ' to ms_no
@8,40 say 'S_NO: ' get ms_no picture 'XX'
read
if ms_no = '
store ' ' to ms_no
else
select 6
use budget index budindex
find &ms_no
if found() store ' ' to sdesc
sdesc = desc
@10,40 say sdasc
store 'A' to anotherly_no
do while anotherly_no = 'A'
store ' ' to my_no
@8,60 say 'Y_NO: ' get my_no picture 'XXXXX'
read
if my_no = '
store ' ' to my_no
else
select 6
use ysdfile index ysdindex
find &my_no
if found() store ' ' to ydesc
ydesc = desc
@10,60 say ydesc
use
@12,5 say 'Amount: ' get mamt picture '99999999.99'
read
store 'C' to confirm
@15,10 say clearline
@15,10 say '(C)onfirm or any key to menu' get confirm picture 'X'
read
if UPPER(confirm) <> 'C'
use
return
else
select 1
append blank
replace a-po_no with response
replace a-desc with mdesc
replace a-js_no with ms_no
replace a-ly_no with my_no
replace a-amt with mamt
return
endif

endif

if .not. found(
  store 'R' to redo
  @15,10 say clearline
  @15,10 say 'V_NO:'
  @15,18 say my_no
  @15,25 say 'is not on file.'
  @17,10 say '(R)edo, or any key to menu' get redo picture 'X'
  read
    if UPPER(redo) <> 'R'
      use
      return
    endif
    @15,10 say clearline
    @17,10 say clearline
  endif
  enddo
endif

if .not. found(
  store 'R' to redo
  @15,10 say clearline
  @15,10 say 'S_NO:'
  @15,18 say ms_no
  @15,25 say 'is not on file.'
  @17,10 say '(R)edo, or any key to menu' get redo picture 'X'
  read
    if UPPER(redo) <> 'R'
      use
      return
    endif
    @15,10 say clearline
    @17,10 say clearline
  endif
  enddo
store 'A' to anothertry
do while anothertry = 'A'
store space(69) to clearline
store 0 to test
@20,10 say clearline
@20,20 say 'Enter Record#: ' get test picture '999999'
read
select 1
  count to counttest
  if test > counttest .OR. test = 0
    store 'R' to retry
    @20,10 say clearline
    @20,10 say 'Invalid Record# for PO File -- (R)etry, or any key to menu' get retry picture 'X'
    read
    if retry <> 'R'
      return
    endif
  endif
if test <= counttest .AND. test <> 0
  goto test
  if po_no <> responseval
    store 'R' to retry
    @20,10 say clearline
    @20,10 say 'Invalid Record# for PO_NO -- (R)etry, or any key to menu' get retry picture 'X'
    read
    if retry <> 'R'
      return
    endif
  endif
if po_no = responseval
  store 'E' to editingpo
  do while editingpo = 'E'
    store 'Q' to editor
    mvendor = b->vendor
    clear
    @3,25 say 'Edit Record to Purchase Order'
    @8,0 say 'Vendor:'
    @8,10 say mvendor
    @9,10 say ',
    display
    @15,5 say '(V)endor, (D)escription, (S)_NO, (Y)_NO, (A)mount, (Q)uit' get editor picture 'X'
   read
    @15,5 say clearline
    store UPPER(editor) to editor
    if editor = 'Q'
      return
    endif
    if editor = 'V'
      store ' ' to newvendor
      @15,10 say 'New Vendor:' get newvendor picture 'XXXXXXXXXXXXXX'
      read
      replace b->vendor with newvendor
      @15,10 say clearline
    endif
    if editor = 'D'

store ' ' to newdesc
@15,10 say 'New Description:' get newdesc picture 'XXXXXXXXXXXXX'
read
replace a->desc with newdesc
@15,10 say clearline
endif

if editor = 'S'
store 'A' to anothers_no
do while anothers_no = 'A'
store '' to news_no
@15,10 say 'New S_NO: ' get news_no picture 'XX'
read
if news_no = ''
    store 'A' to anothers_no
else
    select 6
    use budget index budindex
    find &news_no
    if found()
        use
        select 1
        replace a->s_no with news_no
        exit
    endif
    if .not. found()
        store 'R' to redo
        @15,10 say clearline
        @15,10 say 'S_NO: '
        @15,18 say news_no
        @15,25 say 'is not on file.'
        @17,10 say '(R)edo, or any key to menu' get redo picture 'X'
        read
        if UPPER(redo) <> 'R'
            use
            select 1
            exit
        endif
        @15,10 say clearline
        @17,10 say clearline
    endif
    endif
endo
dendif

if editor = 'Y'
store 'A' to anothery_no
do while anothery_no = 'A'
store '' to newy_no
@15,10 say 'New Y_NO: ' get newy_no picture 'XXXXX'
read
if newy_no = ''
    store '' to newy_no
else
    select 6
    use ysdfile index ysdindex
    find &newy_no
    if found()
        use
        select 1
replace a->y_no with newy_no
exit
endif
if .not. found()
store 'R' to redo
@15,10 say clearline
@15,10 say 'Y_NO: '
@15,18 say newy_no
@15,25 say 'is not on file.'
@17,10 say '(Redo, or any key to menu' get redo picture 'X'
read
  if UPPER(redo) <> 'R'
    use
    select 1
    exit
  endif
  @15,10 say clearline
  @17,10 say clearline
  endif
endif
enddo
endif
endif
enddo
endif
if editor = 'A'
store 0 to newamt
@15,10 say 'New Amount: ' get newamt picture '999999999.99'
read
  replace a->amt with newamt
@15,10 say clearline
endif
enddo
endif
endif
enddo
deletere.prg 05/24/89

*deletere.prg delete specified records to defined po
*copyright Aug 1987, John E. Percevault, Box 2236 - Edson, AB - TOE OPO

store 'A' to another try
do while another try = 'A'
store space(69) to cleaTline
store 0 to test
@21,10 say clearline
@21,20 say 'Enter Record#: ' get test picture '999999'
read
if noentries = 'P'
  select 1
endif
if noentries = 'I'
  select 3
endif
count to counttest
  if test > counttest .OR. test = 0
    store 'R' to retry
    @21,10 say clearline
  @21,10 say 'Invalid Record# for File -- (R)etry, or any key to menu' get retry picture 'X'
    read
    if retry <> 'R'
      return
    endif
  endif
endif
if test <= counttest .AND. test <> 0
  goto test
  if po_no <> responseval
    store 'R' to retry
    @21,10 say clearline
  @21,10 say 'Invalid Record# for P.O_NO -- (R)etry, or any key to menu' get retry picture 'X'
    read
    if retry <> 'R'
      return
    endif
  endif
  if po_no = responseval
    store 'C' to deleteyes
    mvendor = b->vendor
    clear
    @3,25 say 'Delete Record'
    @8,0 say 'Vendor: '
    @8,10 say avendor
    @9,10 say ''
    display
    @15,5 say '(Confirm, Of any key to menu' get deleteyes picture 'X'
    read
    @15,5 say clearline
    if UPPER(deleteyes) <> 'C'
      return
    else
      delete
      pack
      return
    endif
  endif
endif
*printpo.prg prints selected po activity from poenter/edit program

select 2
  set device to printer
  set margin to 5
  @6,15 say 'Individual Purchase Order'
  @6,55 say date()
  @9,10 say ''
  store 0 to linecnt
  display off to printer
  linecnt = linecnt + 14

select 1
  find &responseval
  if found()
    @linecnt,1 say 'Purchase Order Details:'
    linecnt = linecnt + 1
    @linecnt,1 say ''
    display DESC, S_NO, Y_NO, AMT to printer for po_no = responseval
    store 0 to mpototal
    sum to mpototal for po_no = responseval
    count to mporecs for po_no = responseval
    linecnt = linecnt + mporecs + 3
    @ linecnt,34 say 'Purchase Order Total:'
    @ linecnt,54 say mpototal picture '99999999.99'
    linecnt = linecnt + 3
  endif
  set margin to 0
  set device to screen
  eject
return
inventer.prg 05/24/89

store 'A' to recordsedit
do while recordsedit = 'A'
    store 'Q' to editrecords
    select 2
    store 0 to responseval
    responseval = po_no
    store ' ' to avendor
    store ' ' to mdate
    avendor = vendor
    mdate = date
    select 3
    clear
    @1,0 say 'INVOICE DATA ON FILE:'
count to invnumber for po_no = response
    if invnumber > 6
        @4,5 say 'Invoice Records for PO exceed 6, select (P)rint for details'
    else
        display for po_no = response
    endif
    sum to invtotal for c->po_no = response
    select 1
    @9,0 say 'PO DATA ON FILE:'
count to ponumber for po_no = response
    if ponumber > 6
        @12,5 say 'Purchase Order Records for PO exceed 6, select (P)rint for details'
    else
        display off for po_no = response
    endif
    sum to pototal for a->po_no = response
    @17,0 say 'Vendor:'
    @17,10 say avendor
    @17,25 say 'INV Total:'
    @17,35 say invtotal picture '99999999.99'
    @17,56 say 'PO Total:'
    @17,65 say pototal picture '99999999.99'
    @19,1 say '(A)ppend Rec., (E)dit Rec., (D)elete Rec., (P)rint INV, (C)lose PO, (Q)uit' get editrecords picture 'X'
    read
    store UPPER(editrecords) to editrecords
    if editrecords = 'Q'
        clear
        exit
    endif
    if editrecords = 'C'
        store 'C' to confirm
        select 2
        replace b->close with 'C'
        store space(78) to clearline
        @19,1 say clearline
        @19,15 say '(C)onfirm to close PO, or any key' get confirm picture 'X'
        read
        if UPPER(confirm) <> 'C'
            replace b->close with 'O'
        else
            store 'P' to inprint
            @19,1 say clearline
            @19,15 say '(P)rint, or any key' get inprint picture 'X'
            read
            if UPPER(inprint) = 'P'
                do printin
            endif
        endif
    endif
    if editrecords = 'A'
        store 'A' to recordsedit
    endif
enddo
clear
exit
endif
endif
if editrecords = 'A'
do appendin
endif
if editrecords = 'E'
do editin
endif
if editrecords = 'D'
do deletere
endif
if editrecords = 'P'
do printin
endif
endo
appendin.prg 05/24/89

clear
store space(69) to clearline
store ' ' to minv_no
store ' ' to minv_date
minv_date = date()
store ' ' to mdesc
store 0 to mamt
83,25 say 'Append Record to Invoice'
86,10 say 'Vendor:'
86,20 say mvendor
86,40 say 'PO_NO: '
86,48 say responseval
88,10 say 'INV_NO: ' get minv_no picture 'XXXXXXXX'
read
88,40 say 'ENTRY DATE: '
88,53 say minv_date
@10,5 say 'Description: ' get mdesc picture 'XXXXXXXXXXXXXXX'
read
store 'A' to another_no
do while another_no = 'A'
store ' ' to as_no
@10,40 say 'S_NO: ' get ms_no picture 'XX'
read
if ms_no = ' '
    store ' ' to ms_no
else
    select 6
    use budget index budindex
    find &ms_no
    if found()
        store ' ' to sdesc
        sdesc = desc
        @12,40 say sdesc
        store 'A' to anothery_no
        do while anothery_no = 'A'
        store ' ' to my_no
        @10,60 say 'Y_NO: ' get my_no picture 'XXXXXX'
        read
        if my_no = ' '
            store ' ' to my_no
        else
            select 6
            use ysdfile index ysdindex
            find &my_no
            if found()
                store ' ' to ydesc
                ydesc = desc
                @12,60 say ydesc
            use
            @14,10 say 'Amount: ' get mamt picture '99999999.99'
            read
            store 'C' to confirm
            @17,10 say clearline
            @17,10 say '(C)onfirm or any key to menu' get confirm picture 'X'
            read
            if UPPER(confirm) <> 'C'
                use
            return
            else
            select 3
append blank
replace c->pno_no with response
replace c->inv_no with minv_no
replace c->inv_date with minv_date
replace c->desc with mdesc
replace c->s_no with ms_no
replace c->y_no with my_no
replace c->amt with mamt
return
endif
endif
if .not. found()
store 'R' to redo
@17,10 say clearline
@17,10 say 'Y_NO:'
@17,18 say my_no
@17,25 say 'is not on file.'
@19,10 say '(R)edo, or any key to menu' get redo picture 'x'
read
if UPPER(redo) <> 'R'
   use
   return
endif
@17,10 say clearline
@19,10 say clearline
endif
endif
endif
if .not. found()
store 'R' to redo
@17,10 say clearline
@17,10 say 'S_NO:'
@17,18 say ms_no
@17,25 say 'is not on file.'
@19,10 say '(R)edo, or any key to menu' get redo picture 'x'
read
if UPPER(redo) <> 'R'
   use
   return
endif
@17,10 say clearline
@19,10 say clearline
endif
endif
enddo
store 'A' to anothertry
do while anothertry = 'A'
store space(71) to clearline
store 0 to test
@20,10 say clearline
@20,20 say 'Enter Record# : ' get test picture '999999'
read
select 3
count to counttest
if test > counttest .OR. test = 0
store 'R' to retry
@20,10 say clearline
@20,10 say 'Invalid Record# for INV File -- (R)etry, or any key to menu' get retry picture 'X'
read
if retry <> 'R'
return
endif
endif
if test <= counttest .AND. test <> 0
goto test
if po_no <> responseval
store 'R' to retry
@20,10 say clearline
@20,10 say 'Invalid Record# for required PO_NO -- (R)etry, or any key to menu' get retry picture 'X'
read
if retry <> 'R'
return
endif
endif
if po_no = responseval
store 'E' to editingpo
do while editingpo = 'E'
store '0' to editor
mvendor = b~>vendor
clear
@3,25 say 'Edit Record to Invoice'
@8,0 say 'Vendor:'
@8,10 say mvendor
@9,10 say 'Display'
@15,5 say 'Inv.(N)O, (I)nv_Date, (D)escription, (S)_NO, (Y)_NO, (A)mount, (Q)uit' get editor picture 'X'
read
@15,5 say clearline
store UPPER(editor) to editor
if editor = 'Q'
return
endif
if editor = 'M'
store ' ' to newinv_no
@15,10 say 'New INV_N0:' get newinv_no picture 'XXXXXXXXXXXXX'
read
replace c~>inv_no with newinv_no
@15,10 say clearline
endif
if editor = 'I'
store ' , to newdate
@15,10 say 'New INV_Date:' get newdate picture 'ddmmmyy'
read
store CTOD(newdate) to newdate
replace c->inv_date with newdate
@15,10 say clearline
endif

if editor = 'D'
store ' , to newdesc
@15,10 say 'New Description:' get newdesc picture 'XXXXXXXXXXXXXXXX'
read
replace c->desc with newdesc
@15,10 say clearline
endif

if editor = 'S'
store 'A' to anothery_no
do while anothery_no = 'A'
store ' , to newy_no
@15,10 say 'New Y_NO: ' get newy_no picture 'XXXXXX'
read
if newy_no = ' ' store ' ' to newy_no
else
select 5
use budget index budindex
find &newy_no
if found()
use
select 3
replace c->y_no with newy_no
exit
endif
if .not. found()
store 'R' to redo
@15,10 say clearline
@15,10 say 'Y_NO:'
@15,18 say newy_no
@15,25 say 'is not on file.'
@17,10 say '(R)edo, or any key to menu' get redo picture 'Y'
read
if UPPER(redo) <> 'R'
use
select 3
exit
endif
@15,10 say clearline
@17,10 say clearline
endif
endo
defi
endif

if editor = 'Y'
store 'A' to anothery_no
do while anothery_no = 'A'
store ' , to newy_no
@15,10 say 'New Y_NO: ' get newy_no picture 'XXXXXX'
read
if newy_no = ' ,
    store ' ' to newy_no
else
    select 6
    use ysf file index ysfindex
    find &newy_no
    if found()
        use
        select 3
        replace c-y_no with newy_no
        exit
    endif
    if .not. found()
        store 'R' to redo
        @15,10 say clearline
        @15,10 say 'Y_NO: '
        @15,18 say newy_no
        @15,25 say 'is not on file.'
        @17,10 say '(R)edo, or any key to menu' get redo picture 'X'
        read
        if UPPER(redo) <> 'R'
            use
            select 3
            exit
        endif
        @15,10 say clearline
        @17,10 say clearline
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end
deletere.prg 05/24/89

#deletere.prg delete specified records to defined po
#copyright Aug 1987, John E. Percevault, Box 2236 - Edson, AB - T0E 0P0
store 'A' to anothertry
do while anothertry = 'A'
store space(69) to clearline
store 0 to test
@21,10 say clearline
@21,20 say 'Enter Record#: ' get test picture '999999'
read
if noentries = 'P'
    select 1
endif
if noentries = 'I'
    select 3
endif
count to counttest
    if test > counttest .OR. test = 0
        store 'R' to retry
        @21,10 say clearline
    endif
@21,10 say 'Invalid Record# for File -- (R)etry, or any key to menu' get retry picture 'X'
read
    if retry <> 'R'
        return
    endif
endif
if test <= counttest .AND. test <> 0
    goto test
    if po_no <> responseval
        store 'R' to retry
        @21,10 say clearline
    endif
@21,10 say 'Invalid Record# for PO_NO -- (R)etry, or any key to menu' get retry picture 'X'
read
    if retry <> 'R'
        return
    endif
endif
if po_no = responseval
    store 'C' to deleteyes
    mvendor = b->vendor
clear
    @3,25 say 'Delete Record'
    @8,0 say 'Vendor:'
    @8,10 say mvendor
    @9,10 say ' '
    display
    @15,5 say '(C)onfirm, or any key to menu' get deleteyes picture 'X'
read
    @15,5 say clearline
    if UPPER(deleteyes) <> 'C'
        return
    else
        delete
        pack
        return
    endif
endif
endif
*printin.prg prints po/inv activity by specified po_no

select 2
set device to printer
set margin to 5
@6,10 say 'Invoice / Purchase Order Report'
@6,55 say date()
@9,10 say '  

store 0 to linecnt
display off to printer
linecnt = linecnt + 14

select 1
find &responseval
if found()
    @linecnt,1 say 'Purchase Order Details:'
    linecnt = linecnt + 1
    @linecnt,1 say '  
    display off DESC, S_NO, Y_NO, AMT to printer for po_no = responseval
    store 0 to mpototal
    sum to mpototal for po_no = responseval
    count to mporecs for po_no = responseval
    linecnt = linecnt + mporecs + 3
    @ linecnt,34 say 'Purchase Order Total:'
    @ linecnt,54 say mpototal picture '99999999.99'
    linecnt = linecnt + 3
endif

select 3
find &responseval
if found()
    @linecnt,1 say 'Invoice Details:'
    linecnt = linecnt + 1
    @linecnt,1 say '  
    display INV_NO, INV_DATE, DESC, S_NO, Y_NO, AMT to printer for po_no = responseval
    store 0 to minvtotal
    sum to minvtotal for po_no = responseval
    count to minvrecs for po_no = responseval
    linecnt = linecnt + minvrecs + 3
    @linecnt, 34 say 'Invoice Total:'
    @linecnt, 54 say minvtotal picture '99999999.99'
    linecnt = linecnt + 2
endif

set margin to 0
set device to screen
eject
return
store space(69) to clearline
responseval = response
store 'C' to closer
do while closer = 'C'
    store 'C' to confirm
    store 'O' to closing
    clear
    select 2
    store ' ' to avendor
    avendor = vendor
    store ' ' to adate
    adate = date
    store ' ' to mstatus
    mstatus = close
    select 3
    @1,0 say 'INVOICE DATA ON FILE:'
    count to invnumber for c-)po_no = response
    if invnumber > 6
        @4,10 say 'Invoice Records for PO exceed 6, select (P)rint for details'
    else
        display off for c-)po_no = response
    endif
    sum to invtotal for c-)po_no = response
    select 1
    @9,0 say 'PO DATA ON FILE:'
    count to ponumber for a->po_no = response
    if ponumber > 6
        @12,10 say 'Purchase Order Records for PO exceed 6, select (P)rint for details'
    else
        display off for a->po_no = response
    endif
    sum to pototal for a->po_no = response
    @17,0 say 'Vendor:'
    @17,10 say avendor
    @17,25 say 'INV Total:'
    @17,25 say invtotal picture '99999999.99'
    @17,56 say 'PO Total:'
    @17,65 say pototal picture '99999999.99'
    @19,0 say 'PO Status:'
    @19,12 say mstatus
    @19,30 say 'PO_NO:'
    @19,40 say response
    @21,10 say clearline
    @21,10 say '(C)lose, (V)oid, re(O)pen, (P)rint, (Q)uit' get closing picture 'X'
read
    if UPPER(closing) = 'O'
        clear
        return
    endif
    if UPPER(closing) = 'C'
        select 2
        replace b->close with 'C'
        mystatus = close
        @19,12 say mstatus
        @21,10 say clearline
    endif
    @21,10 say '(C)onfirm to close PO, or any key' get confirm picture 'X'
read
    if UPPER(confirm) <> 'C'
        replace b->close with 'O'
endif
if
if UPPER(closing) = 'V'
select 3
find &response
if found()
clear
@13,1 say 'PO_NO'
@13,9 say response
@13,17 say 'has invoice data on file. Can NOT void.'
@15,1 say ' 
wait
endif
if .not. found() 
select 2
replace b->close with 'V'
mystatus = close
@19,12 say mstatus
@21,10 say clearline
@21,10 say ' (Confirm deletes all PO data, or any key) get confirm picture 'X' read
  if UPPER(confirm) <> 'C'
    replace b->close with 'O'
  else
    select 1
    delete for po_no = response
    pack
  endif
endif
endif
if UPPER(closing) = 'O'
select 2
replace b->close with 'O'
mystatus = close
@19,12 say mstatus
@21,10 say clearline
@21,10 say ' (Confirm to reopen, or any key) get confirm picture 'X' read
  if UPPER(confirm) <> 'C'
    replace b->close with 'C'
  endif
endif
if UPPER(closing) = 'P'
do printin
endif
enddo
printin.prg 05/24/89

*printin.prg prints po/inv activity by specified po_no

select 2
set device to printer
set margin to 5
@6,10 say 'Invoice / Purchase Order Report'
@6,55 say date()
@8,10 say ' '

store 0 to linecnt
display off to printer
linecnt = linecnt + 14

select 1
find &responseval
if found()
    @linecnt,1 say 'Purchase Order Details:'
    linecnt = linecnt + 1
    @linecnt,1 say ' '
    display off DESC, S_NO, Y_NO, AMT to printer for po_no = responseval
    store 0 to mpototal
    sum to mpototal for po_no = responseval
    count to mporecs for po_no = responseval
    linecnt = linecnt + mporecs + 3
    @ linecnt,34 say 'Purchase Order Total:'
    @ linecnt,54 say mpototal picture '99999999.99'
    linecnt = linecnt + 3
endif

select 3
find &responseval
if found()
    @linecnt,1 say 'Invoice Details:'
    linecnt = linecnt + 1
    @linecnt,1 say ' '
    display INV_NO, INV_DATE, DESC, S_NO, Y_NO, AMT to printer for po_no = responseval
    store 0 to minvtotal
    sum to minvtotal for po_no = responseval
    count to minvrecs for po_no = responseval
    linecnt = linecnt + minvrecs + 3
    @linecnt,34 say 'Invoice Total:'
    @linecnt,54 say minvtotal picture '99999999.99'
    linecnt = linecnt + 2
endif

set margin to 0
set device to screen
eject
return
journals.prg setups menus for printing journals by po, invoice, *or matches
store 'A' to another
do while another = 'A'
clear
store 'Q' to dates
@2,10 say 'Accountability 2.0'
@5,10 say ' 2 - Journal Listings (journals.prg)'
@10,10 say '(A)ll dates, (R)ange dates, (Q)uit' get dates picture 'X'
read
store UPPER(dates) to dates
if dates = 'Q'
close all
return
endif
if dates = 'A'
store 'A' to alldates
do while alldates = 'A'
store 'Q' to response
clear
@5,15 say 'All dates - Journal Listings'
@10,15 say '(P)Os, (I)Invoices, (C)ombined, (Q)uit' get response picture 'X'
read
store UPPER(response) to response
if response = 'Q'
exit
endif
if response = 'P'
do jour_po.prg
store 'A' to alldates
endif
if response = 'I'
do jour_inv.prg
store 'A' to alldates
endif
if response = 'C'
do jour_com.prg
store 'A' to alldates
endif
enddo
endif
if dates = 'R'
store '' to begindate
store '' to enddate
@15,10 say 'Beginning Date: ' get begindate picture 'DD 99/99/99'
*see page 245 range with CTOD
read
@15,45 say 'Ending Date: ' get enddate picture 'DD 99/99/99'
read
store CTOD(begindate) to begindate
store CTOD(enddate) to enddate
store 'D' to daterange
do while daterange = 'D'
clear
store 'Q' to response
@5,15 say begindate
@5,25 say 'to'
@5,29 say enddate
@5,41 say ' - Journal Listings'
@10,15 say '(P)Os, (I)Invoices, (Q)uit' get response picture 'X'
read
store UPPER(response) to response
if response = 'Q'
  exit
endif
if response = 'P'
do jour_po
  store 'D' to daterange
endif
if response = 'I'
  store 'D' to datetype
  do while datetype = 'D'
    store 'Q' to bydate
    clear
    @5,15 say 'Range Dates -- Invoice Journal Report List By:'
    @10,15 say '(P)O date, (I)nvoice date, (Q)uit' get bydate picture 'X'
    read
    store UPPER(bydate) to bydate
    if bydate = 'Q'
      exit
    endif
    if bydate = 'P'
do jour Inv
  store 'D' to daterange
  endif
  if bydate = 'I'
do jour Inv
  store 'D' to daterange
  endif
endo
dendif
jour_po.prg lists po records according to po_no, s_no, y_no, or
close, open, void status
if response = 'P'
close all
clear
@5,20 say 'Purchase Order Journal Reports -- Select:'
@10,10 say 'Creating files . . . Do not interrupt.'
close all
select 5
 erase allpo.dbf
 erase allpo.mdx
 select 3
 use pofile order poindex
 select 2
 use poclose order clotindex
 if dates = 'A'
 join with c to allpo.dbf for b->po_no = c->po_no fields c->po_no, b->vendor, b->date, c->desc, c->s_no, c->y_no, c->amt, b->close, b->
 else
 join with c to allpo.dbf for b->po_no = c->po_no .AND. b->date >= begindate .AND. b->date <= enddate fields c->po_no, b->vendor, b->
dat
 endif
 select 3
 use
 select 2
 use
 select 5
 use allpo.dbf
 index on po_no tag allpopo
 index on s_no tag allpos_
 index on y_no tag allpoy_
 index on close tag allpoclo
 store 'S' to sorter
do while sorter = 'S'
 store 'O' to polister
 clear
 if dates = 'A'
@5,15 say 'All Dates -- Purchase Order Journal Reports -- Select:'
 else
@5,15 say 'Range Dates -- Purchase Order Journal Reports -- Select:'
 endif
@10,20 say '((I)indexed, (S)tatus, (Q)uit' get polister picture 'X'
 read
 store UPPER(polister) to polister
 if polister = 'Q'
 exit
 endif

if polister = 'I'
 store 'I' to isorter
do while isorter = 'I'
 store 'Q' to indexlister
clear
 if dates = 'A'
@5,15 say 'All Dates -- Purchase Order Journal Report Indexed By:'
 else
@5,15 say 'Range Dates -- Purchase Order Journal Report Indexed by:'
 endif
@10,20 say '((P)O_NO, (S)_NO, (Y)_NO, (Q)uit' get indexlister picture 'X'
 read
 store UPPER(indexlister) to indexlister
if indexlister = 'Q'
    close all
    exit
endif
if indexlister = 'P'
    select 5
    set order to allpopo
    report form allpo.frm to printer
    store 'S' to sorter
endif
if indexlister = 'S'
    select 5
    set order to allpos_
    report form allpos_.frm to printer
    store 'S' to sorter
endif
if indexlister = 'V'
    select 5
    store 'N' to tickresp
    @15,20 say 'Reconciled - Ticked, (N)ot Ticked' get tickresp picture 'X'
read
    store UPPER(tickresp) to tickresp
    if tickresp = 'A'
        set order to allpoy_
        report form allpoy_.frm to printer
    endif
    if tickresp = 'R'
        set order to allpoy_
        report form allpoy_.frm to printer for tick_off = 'Y'
    endif
    if tickresp = 'N'
        set order to allpoy_
        report form allpoy_.frm to printer for tick_off = 'N'
    endif
    store 'S' to sorter
endif
enddo
endif
if polister = 'S'
    store 'S' to ssorter
    do while ssorter = 'S'
    store 'Q' to statuslist
    clear
    if dates = 'A'
        05,15 say 'All Dates - Purchase Order Journal Report Status By:'
    else
        05,15 say 'Range Dates - Purchase Order Journal Report Status by:'
    endif
    @10,20 say 'Open, (C)losed, (V)oid, (A)ll, (Q)uit' get statuslist picture 'X'
read
    store UPPER(statuslist) to statuslist
    if statuslist = 'A'
        exit
    endif
    if statuslist = 'O' .OR. statuslist = 'C'
        select 5
        use allpo.dbf
        set order to allpoclo
        if statuslist = 'O'
report form allpoope.frm to printer for close = 'D'
store 'S' to sorter
endif
if statuslist = 'C'
    report form allpoclo.frm to printer for close = 'C'
    store 'S' to sorter
endif
endif
if statuslist = 'V' .OR. statuslist = 'A'
select 2
use poclose.dbf order closeind
if statuslist = 'V'
    if dates = 'A'
        report form allpovoi.frm to printer for close = 'V'
    else
        report form allpovoi.frm to printer for close = 'V' .AND. date >= begindate .AND. date <= enddate
    endif
    store 'S' to sorter
endif
if statuslist = 'A'
    if dates = 'A'
        report form allposta.frm to printer
    else
        report form allposta.frm to printer for date >= begindate .AND. date <= enddate
    endif
    store 'S' to sorter
endif
endif
enddo
endif
endif
return
jouy_inv.prg 05/24/89

+jouy_inv.prg lists inv records according to po_no, s_no, y_no
if response = 'I'
  clear
  close all
  @10,10 say 'Creating files . . . Do not interrupt.'
  select 5
    erase allinv.dbf
    erase allinv.mdx
  select 3
    use invfile order invindex
  select 2
    use poclose order cloindex
    if dates = 'A'
      join with c to allinv.dbf for b-)po_no = c-)po_no, c-)inv_no, b-)vendor, c-)inv_date, c-)desc, c-)s_no, c-)y_no, c-)a
      if bydate = 'P'
        join with c to allinv.dbf for b-)po_no = c-)po_no .AND. b-)date = begindate .AND. b-)date <= enddate fields c-)po_no, c-)inv_no, b-)ve
      else
        join with c to allinv.dbf for b-)po_no = c-)po_no .AND. c-)inv_date = begindate .AND. c-)inv_date <= enddate fields c-)po_no, c-)inv_n
      endif
    endif
  endif
  select 5
  use allinv.dbf
  index on po_no tag allinvpo
  index on s_no tag allinv
  store 'I' to isorter
  do while isorter = 'I'
    store 'G' to indexlister
    clear
    if dates = 'A'
      @5,20 say 'All Dates -- Invoice Journal Report Indexed By:'
    else
      @5,20 say 'Range Dates -- Invoice Journal Reports Indexed By:'
    endif
    @10, 10 say , (PIO_NO, (C)losed POs, (O)pen POs, (~))_NO, (Y)_NO, (Q)uit' get indexlister picture 'I'
    read
    store UPPER(indexlister) to indexlister
    if indexlister = 'Q'
      close all
      exit
    endif
    if indexlister = 'P'
      use allinv.dbf
      set order to allinvpo
      report form allinv.frm to printer
      *look at changing heading based on all dates or range date see heading on page 162
    endif
    if indexlister = 'C'
      use allinv.dbf
      set order to allinvpo
      report form allclo.frm for close = 'C' to printer
    endif
    if indexlister = 'Q'
      use allinv.dbf
      set order to allinvpo
  endif
report form allopen.frm for close = '0' to printer
endif
if indexlister = 'S'
  use allinv.dbf
  set order to allinvs_
  report form allinvs_.frm to printer
endif
if indexlister = 'Y'
  store 'N' to tickresp
  @15,20 say '(A)ll, (R)econciled - Ticked, (N)ot Ticked' get tickresp picture 'Y'
read
  store UPPER(tickresp) to tickresp
  use allinv.dbf
  set order to allinvy_
  if tickresp = 'A'
    report form allinvy_.frm to printer
  endif
  if tickresp = 'R'
    report form allinvy_.frm to printer for tick_off = 'Y'
  endif
  if tickresp = 'N'
    report form allinvy_.frm to printer for tick_off = 'N'
  endif
endif
enddo
endif
jour_com.prg 05/24/89

*jour_com prints a combined list of po/inv activity in sequence by po_no
select 3
use invfile order invindex
select 2
use pclose order cloindex
goto 1
select 1
use pofile order poindex
select 2
store 'A' to another
do while another = 'A'

store 'Q' to combine
store 0 to pagecnt
store ' ' to mpo_no

clrc
05,10 say 'All Dates -- Combined Journal Report -- Select:'
010,10 say '(O)pen, (C)losed, (A)ll, (Q)uit ' get combine picture 'X'
read
store UPPER(combine) to combine

if combine = 'Q'
  return
endif

*modify to show if no open or closed on file

if combine = 'O'
  set order to closeind
  find 'O'
  if found()
    do while close = 'O'
      set device to printer
      set margin to 5
      06,15 say 'Combined PO/INV Activity Report -- Open POs'
      06,60 say date()
      09,10 say ' ,
      do comprint
      skip
    enddo
  endif
  store 'A' to another
endif

if combine = 'C'
  set order to closeind
  find 'C'
  if found()
    do while close = 'C'
      set device to printer
      set margin to 5
      06,15 say 'Combined PO/INV Activity Report -- Closed POs'
      06,60 say date()
      09,10 say ' ,
      do comprint
      skip
    enddo
  endif
  store 'A' to another
endif

if combine = 'A'
    set order to cloindex
    goto top
    do while .not. eof(j
        set device to printer
        set margin to 5
        @6,15 say 'Combined PO/INV Activity Report -- All POs'
        @6,50 say date()
        @9,10 say ''
        do comprint
            skip
        enddo
        store 'A' to another
    endif
endo
dendo
return
s_no_bal.prg 05/24/89

**s_no_bal.prg** projects ending balances per s_no or all

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store 'A' to another

do while another = 'A'

select 8

use s_no_req order s_no

select 7

use sumfile

erase posingle.dbf

select 4

use budget index budindex

select 3

use profile order poindex

select 2

use pclose index cloindex

goto top

select 1

use invfile order invindex

store 'R' to retry

do while retry = 'R'

store 'R' to invalidtry

do while invalidtry = 'R'

store 'P' to printing

select 4

store 'Q' to response

clear

@2,10 say 'AccountAbility 2.0'

@5,10 say '3 - S_NO Balances (s_no_bal.prg)'

@10,10 say 'Enter S_NO, (R)egestered departments, (A)ll departments, (Q)uit' get response picture 'NN'

read

responseval = response

store UPPER(trim(response)) to response

store len(response) to length

if length = 2
exit
else

if response = 'R' .or. response = 'A' .or. response = 'Q'
exit
else

@12,10 say 'Invalid entry, (R)etry or any key to menu' get invalidtry picture 'X'

read

if UPPER(invalidtry) <> 'R'

close all

return

endif

endif

endif

if right(response,1) = 'Q'

close all

return
endif

if response = 'R'

do s_no_req

exit
endif

if response = 'A'

store '5' to reporttype

@15,10 say '(S)ummary, (D)etail, or any key to menu' get reporttype picture 'X'

read
if UPPER(reporttype) <> 'S' .and. UPPER(reporttype) <> 'D'
    exit
endif
if UPPER(reporttype) = 'S'
    do s_no_sum
    exit
endif
if UPPER(reporttype) = 'D'
    do s_no_det
    exit
endif
endif
if length = 2
find &responseval
    if .not. found()
        @13,10 say 'S_NO'
        @13,18 say response
        @13,24 say 'is not on file.'
        @16,10 say '(R)etry, or any key to main menu' get retry picture 'X'
        read
            if UPPER(retry) <> 'R'
                close all
                return
            endif
        endif
    endif
endif
if found()
    do s_no_one
endif
ENDIF
ENDIF
clear
@10,13 say 'Calculating S_NO Account Balance .. Do not interrupt.'
select 3
set relation to po_no into poclose
sum to mpototal for c->s_no = response .and. b->close = '0'
set relation to
select 1
set relation to po_no into poclose
sum to minvtotal for a->s_no = response .and. b->close = '0'
set relation to
store 0 to mcommitment
mcommitment = mpototal + minvtotal
store 0 to mallocation
mallocation = d->allocation
store '' to mdesc
mdesc = d->desc
store 0 to mbalance
mbalance = mallocation - mcommitment

clear
@1,15 say 'Department Summary --'
@1,45 say mdesc
@1,65 say date()
@4,15 say 'Budget allocation . . . . . . . ,'
@4,50 say mallocation picture '99999999.99'
@5,53 say '----------'
@6,15 say 'Purchase Order Commitment . . ,'
@6,50 say mpototal picture '99999999.99'
@8,15 say 'Paid Invoice Total . . . . . . ,'
@8,50 say minvtotal picture '99999999.99'
@9,53 say '----------'
@11,15 say 'Total Budget Commitment . . ,'
@11,50 say mcommitment picture '99999999.99'
@12,53 say '----------'
@14,5 say 'Projected Department Balance:'
@14,50 say mbalance picture '99999999.99'
@15,53 say '----------'

@20,10 say 'PRINT SCREEN, (P)rint all account activity, or any key to menu' get printing
read
if UPPERC(printing) = 'P'
select 3
set relation to po_no into poclose
set device to printer
@6,10 say 'Purchase Order Details --'
@6,40 say mdesc
@6,60 say date()
@9,15 say 'Purchase Order Commitment . . ,'
@9,53 say mpototal picture '99999999.99'
@12,10 say 'list off to printer for c->s_no = response .and. b->close = '0' c->PO_NO, b->VENDOR, b->DATE, c->DESC, c->S_NO, c->Y_NO, ? '
set device to screen
eject
set relation to
select 1
set relation to po_no into poclose
set device to printer
list off to printer for a->s_no = response .and. b->close = 'C' a->po_no, b->VENDOR, a->INV_NO, a->DESC, a->S_NO, a->Y_NO, a->AMT, b->C

set device to screen
eject
set relation to
set device to printer
@6,10 say 'Printed on:

endif
store 'A' to anotherreq
  do while anotherreq = 'A'
  store 'R' to invalidtry
  do while invalidtry = 'R'
  store 0 to tryval
  store 'Q' to entry
  select 4
  clear
  @10,10 say 'Enter S_NO, (D)isplay requested S_NOs, (P)rocess, (Q)uit' get entry picture 'NN'
  read
  entryval = entry
  store UPPER(trim(entry)) to entry
  store len(entry) to length
  if length < 1
    @12,10 say 'Invalid entry, (R)etry, or any key to menu' get invalidtry picture 'Y'
    read
    if UPPER(invalidtry) <> 'R'
      return
    endif
  endif
  if entry = 'Q'
    select 8
    delete all
    pack
    return
  else
    exit
  endif
  enddo
  if entry = 'D'
    select 8
    clear
    display all off
    wait
  endif
  if entry = 'P'
    clear
    @10,1 say 'This report goes directly to the printer.'
    @13,1 say 'Set printer to 17 pitch or use wide paper.'
    @15,13 say '
    wait
    clear
    @10,8 say 'Calculating and printing requested S_No account details.'
    @12,8 say 'Do not interrupt.'
    store '' to s_nopoint
    select 8
    goto top
  do while .not. eof()
    s_nopoint = h->s_no
    select 3
      set relation to po_no into pclose
      store ' ' to mdesc
      sum to mpototal for c->s_no = s_nopoint .and. b->close = 'D'
      set device to printer
      @6,10 say 'Purchase Order Details --'
      @6,40 say mdesc
      @6,60 say date()
      @9,15 say 'Purchase Order Commitent . .'
      @9,52 say mpototal picture '99999999.99'
  endif
@12,10 say ' ' ' 
list off to printer for c->s_no = s_nopoint .and. b->close = 'O' c->PO_NO, b->VENDOR, b->DATE, c->DESC, ? ' ' 
set device to screen
eject
set relation to 

select 1
set relation to po_no into poclose
sum to minvtotal for a->s_no = s_nopoint .and. b->close = 'C'
store 0 to mcommitment
mcommitment = apototal + minvtotal
store 0 to mallocation
mallocation = d->allocation
store 0 to mbalance
mbalance = mallocation - mcommitment
set device to printer
@6,10 say 'Paid Invoice Details - -'
@6,40 say mdesc
@6,60 say date()
@9,15 say 'Paid Invoice Total . . . '
@9,53 say minvtotal picture '99999999.99'
@12,10 say ' ' ' 
list off to printer for a->s_no = s_nopoint .and. b->close = 'C' a->PO_NO, b->VENDOR, a->INV_NO, a->DESC ? ' ' ' 
set device to screen
eject
set device to printer
@6,15 say 'Printed on: '
@6,35 say date()
@6,50 say mdesc
@9,15 say 'Total Budget Commitment . . .'
@9,53 say mcommitment picture '99999999.99'
@12,15 say 'Budget Allocation . . .'
@12,53 say mallocation picture '99999999.99'
@17,15 say 'Projected Department Balance:'
@17,53 say mbalance picture '99999999.99'
@18,10 say ' ' ' 
set device to screen
eject
set relation to 

select B
skip
if eof()
    delete all
pack
return
endif

endif

if length = 2
select 4
find &entryval
if found()
    select B
    find &entryval
    if found()
        clear
display for s_no = entry
store 'A' to anotherdel
do while anotherdel = 'A'
store 'Q' to dels_no
@10,10 say '(D)elete requested S_NO, (Q)uit' get dels_no picture 'X'
read
store UPPER(dels_no) to dels_no
if dels_no = 'Q'
    exit
endif
if dels_no = 'D'
    delete
    pack
    exit
endif
enddo

else
store 'C' to confirm
@15,10 say '(C)onfirm, or any key' get confirm picture 'X'
read
if UPPER(confirm) = 'C'
    append blank
    replace h->s_no with entry
    replace h->desc with d->desc
endif
else
    @13,0 say 'S_NO'
    @13,8 say entry
    @13,14 say 'is not on file.'
    @14,0 say ' '
    wait
endif
endif
enddo
clear
@10,13 say 'Calculating S_NO Account Balances . . Do not interrupt.'
store 0 to schallocate, schpototal, schintotal, schgrand, schbalance
select 4
store 0 to s_no_number
count to s_no_oumber
store 1 to scounter
goto top
do while .not. eof()
@15,5 say scounter
@15,17 say 'of'
@15,19 say s_no_number
@15,32 say 'department balances calculating.'
store ' ' to response
response = d->s_no

select 2

select 3
set relation to po_no into poclose
store 0 to mpototal
sum to mpototal for c->s_no = response .and. b->close = '0'
set relation to

select 1
set relation to po_no into poclose
store 0 to minvtotal
sum to minvtotal for a->s_no = response .and. b->close = 'C'
set relation to

schpototal = schpototal + mpototal

schintotal = schintotal + minvtotal
store 0 to mcommitment
mcommitment = mpototal + minvtotal

schgrand = schgrand + mcommitment
store 0 to mallocation
mallocation = d->allocation
schallocate = schallocate + mallocation
store 0 to mbalance

mbalance = mallocation - mcommitment
schbalance = schbalance + mbalance

select 7
use sumfile
append blank
replace s_no with response
replace desc with d->desc
replace allocation with mallocation
replace pototal with mpototal
replace invtotal with minvtotal
replace commitment with mcommitment
replace balance with mbalance

store 'Q' ' to retry
select 4
skip
scounter = scounter + 1
if eof()
select 7
store 'P' to lister
store 'R' to relister
do while relister = 'R'
clear
@10,15 say 'S_NO Account Balances Calculated'
@20,15 say '(P)rint, (S)creen listing, or any key to main menu' get lister picture 'X'
read
if UPPER(lister) <> 'P'.and. UPPER(lister) <> 'S'
select 7
use sumfile
delete all
pack
exit
endif
if UPPER(lister) = 'S'
clear
@1,25 say 'S_NO Account Balances -- Summary Form'
list all off S_NO, ALLOCATION, PGTOTAL, INVTOTAL, COMMITMENT, BALANCE
? '
? ','
? 'School Totals:'
? ','
schallocate picture '99999999.99', schpototal picture '99999999.99' AT 20, schintotal picture '99999999.99' AT 33, schgrand
? ','
store 'R' to relister
wait
endif

if UPPER(lister) = 'P'
clear
@10,0 say 'Set printer to 17 pitch or use wide paper.'
wait
set device to printer
@1,15 say 'S_NO Account Balances -- Summary Form'
@1,60 say date()
@2,25 say '
list all off to printer
@56,1 say 'School Totals:'
@53,1 say ''
@59,28 say schallocate picture '99999999.99'
@59,41 say schpototal picture '99999999.99'
@59,54 say schintotal picture '99999999.99'
@59,67 say schgrand picture '99999999.99'
@59,80 say schbalance picture '99999999.99'
@60,1 say ''
set device to screen
eject
store 'R' to relister
endif
endo
dono
return
endo
fs_no_det.prg prints account details per s_no and projects all ending balances.

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clear
@10,1 say 'This report goes directly to the printer.'
@13,1 say 'Set printer to 17 pitch or use wide paper.'
@15,1 say '

wait
clear
@10,8 say 'Calculating & Printing S_NO Account Details .. Do not interrupt.'
store 0 to schallocate, schpototal, schintotal, schgrand, schbalance
select 4
do while .not. eof()
  response = d->s_no
  select 3

  set relation to po_no into poclose
  store ' ' to mdesc
  mdesc = d->desc
  sum to mpototal for c->s_no = response .and. b->close = 'O'
  schpototal = schpototal + mpototal

  set device to printer
  @6,10 say 'Purchase Order Details -- '
  @6,40 say mdesc
  @6,60 say date()
  @9,15 say 'Purchase Order Commitment ..'
  @9,53 say mpototal picture '99999999.99'
  @12,10 say ' 
  list off to printer for c->s_no = response .and. b->close = 'O': c->PO_NO, b->VENDOR, b->DATE, c->DESC, c->S_NO, c->Y_NO, c->AMT
  set device to screen
  eject
  set relation to
  select 1

  set relation to po_no into poclose
  sum to minvtotal for a->s_no = response .and. b->close = 'C'
  schintotal = schintotal + minvtotal
  store 0 to mcommitment
  mcommitment = mpototal + minvtotal
  schgrand = schgrand + mcommitment
  store 0 to mallocation
  mallocation = d->allocation
  schallocate = schallocate + mallocation
  store 0 to mbalance
  mbalance = mallocation - mcommitment
  schbalance = schbalance + mbalance

  set device to printer
  @6,10 say 'Paid Invoice Details -- '
  @6,40 say mdesc
  @6,60 say date()
  @9,15 say 'Paid Invoice Total ..'
  @9,53 say minvtotal picture '99999999.99'
  @12,10 say ' 
  list off to printer for a->s_no = response .and. b->close = 'C': a->PO_NO, b->VENDOR, a->INV_NO, a->DESC, a->S_NO, a->Y_NO, a->AMT, b->C
  set device to screen
  eject
  set device to printer
  @6,15 say 'Printed on:'
say date
say mdesc
say 'Total Budget Commitment . . . '  
commit picture '99999999.99'
say 'Budget Allocation . . . . . . '  
allocation picture '99999999.99'
say 'Projected Department Balance:'  
balance picture '99999999.99'
say  
set device to screen
set relation to

select 7
use sumfile
append blank
replace s_no with response
replace desc with d->desc
replace allocation with allocation
replace pototal with mpototal
replace invtotal with minvtotal
replace commitment with mcommitment
replace balance with mbalance
store 'Q' to retry

select 4
skip

if eof()  
select 7
clear
set device to printer
say 'S_NO Account Balances -- Summary Form'
say 'School Totals:'
list all off to printer
say 'School Totals:'
say 'Budget PO Total INV Total Commitment Balance'
say 'schallocate picture '99999999.99'
say 'schpototal picture '99999999.99'
say 'schintotal picture '99999999.99'
say 'schgrand picture '99999999.99'
say 'schbalance picture '99999999.99'
say 'set device to screen
say 'store 'R' to relister
delete all
pack
endif
enddo
close all
select 2
use poclose order cloindex
store 'Y' to tick
store 'A' to anothertick
do while anothertick = 'A'
    store 'R' to retry
    do while retry = 'R'
        clear
        store 'Q' to response
        @2,10 say 'AccountAbility 2.0'
        @5,15 say 4 - Reconciliation - Tick off PDs'
        @10,20 say 'Enter PO_NO, (Q)uit get response picture '999999'
        read
        store trim(response) to response
        store len(response) to length
        if length < 6 .and. right(response,1) <> 'Q'
            @12,10 say 'Invalid PO_NO, (R)etry, or any key to menu' get retry picture 'X'
            read
            if UPPER(retry) <> 'R'
                close all
                return
            endif
        endif
        if right(response,1) = 'Q'
            close all
            return
        endif
        if length = 6
            find &response
            if .not. found()
                @12,10 say 'Invalid PO_NO, (R)etry, or any key to menu' get retry picture 'X'
                read
                if UPPER(retry) <> 'R'
                    close all
                    return
                endif
            endif
            store 'A' to anotherresp
            store 'Y' to tickresp
            do while anotherresp = 'A'
                @13,30 say 'Tick_Off = '
                @13,43 say b->tick_off
                @17,15 say 'Yes to Tick_Off, (N)o, or any key to menu' get tickresp picture 'X'
                read
                store UPPER(tickresp) to tickresp
                if tickresp = 'Y' or tickresp = 'N'
                    replace b->tick_off with tickresp
                else
                    exit
                endif
            endif
            enddo
        endif
    enddo
endo
store 'A' to again

do while again = 'A'
    close all
    store 'Q' to response1
    clear
    @2,10 say 'AccountAbility 2.0'
    @5,10 say '5 - Create / Edit Distributions (allocate.prg)'
    @10,10 say '(B)udget, (Y)ellowhead, (Q)uit' get response1 picture 'X'
    read
    if UPPER(response1) = 'Q'
        return
    endif
    if UPPER(response1) = 'B'
        do budget.prg
    endif
    if UPPER(response1) = 'Y'
        do ysd.prg
    endif
endo
*budget.prg creates school departments and allocations*

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select 4
use budget index budindex
select 3
use profile order pos_no
select 1
use invfile order invs_no
store 'R' to retry
do while 'R' = retry
  store 'R' to invalidtry
do while invalidtry = 'R'
  select 4
  store ' ' to editrecords
  store 0 to responseval
  store 'Q ' to response
  clear
  @2,10 say 'AccountAbility 2.0'
  @5,10 say 'Create / Edit Budget Allocations (budget.prg)'
  @10,10 say 'Enter S_NO, (D)isplay All, (P)rint All, (Q)uit' get response picture 'NN'
  read
  responseval = response
  store UPPERC(trimC(response)) to response
  store len(response) to length
  if length < 1
    @12,10 say 'Invalid entry, (R)etry, or any key to menu' get invalidtry picture 'X'
    read
    if UPPER(invalidtry) <> 'R'
      close all
      return
  endif
  if right(response,1) = 'Q'
    close all
    return
  else
    exit
  endif
enddo
if response = 'D'
  select 4
  sum all to budtotal
  clear
  @1,10 say 'School Allocation Total:'
  @1,40 say budtotal picture '999999999.99'
  @3,10 say ''
  wait
  display all off
  wait
endif
if response = 'P'
  select 4
  sum all to budtotal
  set device to printer
  @5,10 say 'School Allocation Total:'
  @5,35 say budtotal picture '999999999.99'
  @5,55 say date()
  @6,10 say ''
  list all off to printer
  set device to screen
eject
endif
if length = 2
find &responseval
  if found()
    store 'E' to editrecords
    @13,10 say 'S_NO'
    @13,18 say responseval
    @13,23 say 'is currently on file.'
    @16,10 say '(E)dit S_NO, or any key to menu' get editrecords
    read
    if UPPER(editrecords) = 'E'
      store 'E' to editrecords
    endif
  endif
  if .not. found() .and. response <> 'P' .and. response <> 'D'
    clear
    store '' to mdesc
    store 0 to mallocation
    store 'C' to confirm
    @10,10 say 'S_NO'
    @10,20 say responseval
    @13,20 say 'is on file with purchase order data. Can not delete!'
    @20,10 say '(R)etry, or any key to menu; then select 1 - Edit PO' get retry picture 'X'
  read
  if UPPER(confirm) = 'C'
    append blank
    replace s_no with response
    replace desc with mdesc
    replace allocation with mallocation
    store 'E' to editrecords
  endif
endif
do while editrecords = 'E'
  clear
  sum all to budtotal
  @1,0 say 'SCHOOL BUDGET ALLOCATION TOTAL:'
  @1,50 say budtotal
  @5,0 say 'DEPARTMENT BUDGET ON FILE:'
  display off for s_no = responseval
  @20,10 say '(E)dit S_NO, (D)elete S_NO, or any key to menu' get editrecords picture 'X'
  read
  if UPPER(editrecords) = 'E'
    do editbud
  endif
  if UPPER(editrecords) = 'D'
    select 3
      find &response
        if found()
          clear
          @17,10 say 'S_NO'
          @17,20 say responseval
          @17,23 say 'is on file with purchase order data. Can not delete!'
        @20,10 say '(R)etry, or any key to menu; then select 1 - Edit PO' get retry picture 'X'
  read
if UPPER(retry) = 'R'
    exit
endif
if UPPER(retry) <> 'R'
    close all
    return
endif
endif
select 1
find &responseval
if found()
clear
@17,10 say 'S NO'
@17,20 say responseval
@17,23 say 'is on file with invoice data. Can not delete!'
@20,10 say '(R)etry, or any key to menu; then select 2 - Edit Invoice' get retry picture 'X'
read
    if UPPER(retry) = 'R'
        exit
    endif
    if UPPER(retry) <> 'R'
        close all
        return
    endif
endif
if .not. found()
select 4
delete for d->s_no = responseval
pack
clear
sum all to budtotal
@1,10 say 'School Allocation Total:'
@1,40 say budtotal
@3,10 say ''
display all off
wait
endif
endif
store 'R' to retry
enddo
enddo
*editbud allows editing of desc and allocation fields in budget.dbf
store space(69) to clearline
store 'E' to editingbud
do while editingbud = 'E'
  store 'Q' to editor
  clear
  @3,25 say 'Edit Record to Budget'
  @6,10 say ' '
  display off for s_no = responseval
  find &responseval
  @15,5 say '(D)escription, (A)llocation, (Q)uit' get editor picture 'X'
  read
  @15,5 say clearline
  if UPPER(editor) = 'Q'
    return
  endif
  if UPPER(editor) = 'D'
    store ' ' to newdesc
    @15,10 say 'New Description: ' get newdesc picture 'XXXXXXXXXXXXXXXXXXX'
    read
    replace desc with newdesc
    @15,5 say clearline
  endif
  if UPPER(editor) = 'A'
    store 0 to newvalue
    @15,10 say 'New Allocation: ' get newvalue picture '9999999999.99'
    read
    replace allocation with newvalue
    @15,1 say clearline
  endif
endo
ysd.prg 05/24/89

*ysd.prg creates yellowhead departments
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select 4
use ysdfile index ysdindex
select 3
use pofile order pay_no
select 1
use invfile order invy_no
store 'R' to retry
do while 'R' = retry
store 'R' to invalidtry
do while invalidtry = 'R'
select 4
store ' ' to editrecords
store 0 to responseval
store ' ' to response
clear
@2,10 say 'AccountAbility 2.0'
@5,10 say 'Create / Edit Division Accounts (ysd.prg)
@10,10 say 'Enter Y_NO, (D)isplay All, (P)rint All, (Q)uit' get response picture 'NNNNNN'
read
responseval = response
store UPPER(trim(response)) to response
store len(response) to length
if length >= 5
exit
else
if response = 'P' .or. response = 'D' .or. response = 'Q'
exit
else
@12,10 say 'Invalid entry, (R)etry, or any key to menu' get invalidtry picture 'X'
read
if UPPER(invalidtry) <> 'R'
close all
return
endif
endif
endif
endo
do while(response,1) = 'Q'
close all
return
endif
if response = '0'
select 4
clear
display all off Y_NO, DESC
wait
endif
if response = 'P'
select 4
set device to printer
@5,15 say 'Division Accounts on File:'
@5,55 say date()
@7,10 say ' '
list Y_NO, DESC all off to printer
set device to screen
eject
endif
if length = 5 .or. length = 6
find &responseval
  if found()
    store 'E' to editrecords
    @13,10 say 'Y_NO'
    @13,18 say responseval
    @13,29 say 'is currently on file.'
  @16,10 say '(E)dit Y_NO, or any key to menu' get editrecords
  read
    if UPPER(editrecords) = 'E'
      store 'E' to editrecords
    endif
  endif
  if .not. found() .and. response <> 'E' .and. response <> 'D'
    clear
    store 'E' to editrecords
    store 'C' to confirm
    @10,10 say 'Y_NO'
    @10,20 say responseval
    @13,10 say 'Enter department description:' get mdesc
    read
    @20,10 say '(C)onfirm department, or any key to menu' get confirm picture 'X'
    read
      if UPPER(confirm) = 'C'
        append blank
        replace y_no with response
        replace desc with mdesc
        store 'E' to editrecords
      endif
    endif
  endif
  do while editrecords = 'E'
    clear
    @1,0 say 'DIVISION DISTRIBUTION ON FILE:'
    @5,0 say ''
    display Y_NO, DESC off for y_no = responseval
  @20,10 say '(E)dit Y_NO, (D)elete Y_NO, or any key to menu' get editrecords picture 'X'
  read
    if UPPER(editrecords) = 'E'
      do editysd
    endif
    if UPPER(editrecords) = 'D'
      select 3
        find &responseval
        if found()
          clear
          @17,10 say 'Y_NO'
          @17,16 say responseval
        @17,23 say 'is on file with purchase order data. Can not delete!
      @20,10 say '(R)etry, or any key to menu; then select 1 - Edit PO' get retry picture 'X'
      read
        if UPPER(retry) = 'R'
          exit
        endif
        if UPPER(retry) <> 'R'
          close all
          return
        endif
      endif
      select 1
      find &responseval
if found()
clear
@17,10 say 'Y_NO'
@17,16 say responseval
@17,23 say 'is on file with invoice data. Can not delete!'
@20,10 say '(R)etry, or any key to menu; then select 2 - Edit Invoice' get retry picture 'I'
read
if UPPER(retry) = 'R'
  exit
endif
if UPPER(retry) <> 'R'
  close all
  return
endif
endif
if not. found()
select 4
delete for d->y_no = responseval
pack
endif
store 'R' to retry
enddo
enddo
*editbud allows editing of desc and allocation fields in budget.dbf
store space(69) to clearline
store 'E' to editingbud
do while editingbud = 'E'
    store '0' to editor
    clear
    @3,25 say 'Edit Record to Division Distribution'
    @6,10 say ' '
    display Y_NO, DESC off for y_no = responseval
    find &responseval
    @15,5 say '(D)escription, (Q)uit' get editor picture 'X'
    read
    @15,5 say clearline
    if UPPER(editor) = 'Q'
        return
    endif
    if UPPER(editor) = 'D'
        store ' ' to newdesc
        @15,10 say 'New Description: ' get newdesc picture 'XXXXXXXXXXXXXXXXXXXX'
        read
        replace desc with newdesc
        @15,5 say clearline
    endif
endo
close all
store '' to backdata
store 'A' to another
do while another = 'A'
store 'Q' to response
clear
@2,10 say '
 AccountAbility 2.0'
@5,10 say ' 6 - Utilities (utility.dbf)'
@8,20 say 'Select: (B)ackup current year'
@10,20 say '(S)et up new fiscal year'
@12,20 say '(I)nstall program updates'
@14,20 say '(R)estore required fiscal year'
@16,20 say '(D)uit'
@18,20 say 'Enter selection: ' get response picture 'I'
read
store UPPER(response) to response
if response = 'Q'
return
endif
if response = 'B'
clear
store 'A' to anothercon
do while anothercon = 'A'
store 'C' to confirm
@10,10 say 'Place a formatted data disk in drive A.'
@11,10 say '(C)onfirm, or any key to menu.' get confirm picture 'X'
read
if UPPER(confirm) <> 'C'
exit
else
  copy file invfile.dbf to a:\invfile.dbf/v
  copy file ysdfile.dbf to a:\ysdfile.dbf/v
  copy file poclose.dbf to a:\poclose.dbf/v
  copy file pofile.dbf to a:\pofile.dbf/v
  copy file budget.dbf to a:\budget.dbf/v
  copy file sumfile.dbf to a:\sumfile.dbf/v
  copy file s_no_req.dbf to a:\s_no_req.dbf/v
  copy file budindex.ndx to a:\budindex.ndx/v
  copy file ysdindex.ndx to a:\ysdindex.ndx/v
  copy file pofile.mdx to a:\pofile.mdx/v
  copy file poclose.mdx to a:\poclose.mdx/v
  copy file invfile.mdx to a:\invfile.mdx/v
  copy file s_no_req.mdx to a:\s_no_req.mdx/v
store 'B' to backdata
exit
endif
enddo
endif
if response = 'S'
clear
if backdata <> 'B'
@10,0 say 'Complete a current backup of data before'
@12,0 say 'attempting this option.'
@13,0 say '
wait
else
  store 'A' to anothercon
  do while anothercon = 'A'
  store 'C' to confirm
  @5,20 say 'Set up for New Fiscal Year'
  endif
enddo
This routine erases ALL purchase order and invoice data. On completion, edit as required. The budget and ysd files to reflect new allocations, or account codes for the new fiscal year. Confirm, or any key to menu. get confirm picture 'X'

if UPPER(confirm) <> 'C'
  exit
else
  select 1
  use poclose
  delete all pack
  use pofile
  delete all pack
  use invfile
  delete all pack
  close all
  clear
  @10,0 say 'Purchase order and data files erased.'
  @11,0 say 'To start the new year, edit the budget'
  @12,0 say 'and ysd files as required.'
  @13,0 say ''
  wait
  exit
endif
enddo
endif

if response = 'I'
  clear
  store 'A' to anothercon
  do while anothercon = 'A'
    store 'C' to confirm
    @10,10 say 'Place the update program disk in drive A.'
    @15,10 say '(Confirm, or any key to menu.' get confirm picture 'X'
    read
      if UPPER(confirm) <> 'C'
        exit
      else
        erase s_no_det.prg
        erase penter.prg
        erase appendin.prg
        erase appendpo.prg
        erase pofile.prg
        erase s_no_sua.prg
        erase budget.prg
        erase editin.prg
        erase editpo.prg
        erase ysd.prg
        erase menu.prg
        erase utility.prg
        erase allocate.prg
        erase editysd.prg
        erase editbud.prg
        erase jour_po.prg
        erase journals.prg
        erase inventor.prg
    endif
  endwhile
endif
erase jour_inv.prg
erase s_no_bal.prg
erase s_no_one.prg
erase printpo.prg
erase updatein.prg
erase jour_com.prg
erase comprint.prg
erase deletere.prg
erase printin.prg
erase dataent.prg
erase fileedit.prg
erase s_no_req.prg
erase s_no_det dbo
erase poenter dbo
erase appendin dbo
erase appendpo dbo
erase poclose dbo
erase s_no_sum dbo
erase budget dbo
erase editin dbo
erase editpo dbo
erase ysd dbo
erase allocate dbo
erase editysd dbo
erase editbud dbo
erase jour_po dbo
erase journals dbo
erase inventer dbo
erase jour_inv dbo
erase s_no_bal dbo
erase s_no_one dbo
erase printpo dbo
erase updatein dbo
erase jour_com dbo
erase comprint dbo
erase deletere dbo
erase printin dbo
erase dataent dbo
erase fileedit dbo
erase s_no_req dbo
erase allpos frm
erase allopen frm
erase allclo frm
erase allpoy frm
erase allpoop frm
erase allpoclo frm
erase allpo frm
erase allpovoi frm
erase allposta frm
erase allinv frm
erase allinvs frm
erase allinvy frm
erase allpos frm
erase allopen frm
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erase allpoop frm
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erase allposta.frg
erase allinv.frg
erase allinvs_.frg
erase allinvy_.frg

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exit
endif
enddo
endif
if response = 'R'
clear
if backdata <> 'B'
@0,0 say 'Complete a current backup of data before'
@1,0 say 'attempting this option.'
@2,0 say '
wait
else
store 'A' to anothercon
do while anothercon = 'A'
store 'C' to confirm
@10,0 say 'Place the required fiscal year data disk in drive A.'
@15,0 say '(C)onfirm, or any key to menu.' get confirm picture 'X'
read
if UPPER(confirm) <> 'C'
exit
else
erase invfile.dbf
erase ysdfile.dbf
erase poclose.dbf
erase pofile.dbf
erase budget.dbf
erase sumfile.dbf
erase s_no_req.dbf
erase budindex.ndx
erase ysdindex.ndx
erase pofile.mdx
erase poclose.mdx
erase invfile.mdx
erase s_no_req.mdx
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Journal Listing -- All Invoices

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Paid Invoice Total ...  252.00
Printed on: 06/11/89

Physical Ed.

Total Budget Commitment . .. 3130.98

Budget Allocation . . . . . 1500.00

Projected Department Balance: -1530.98