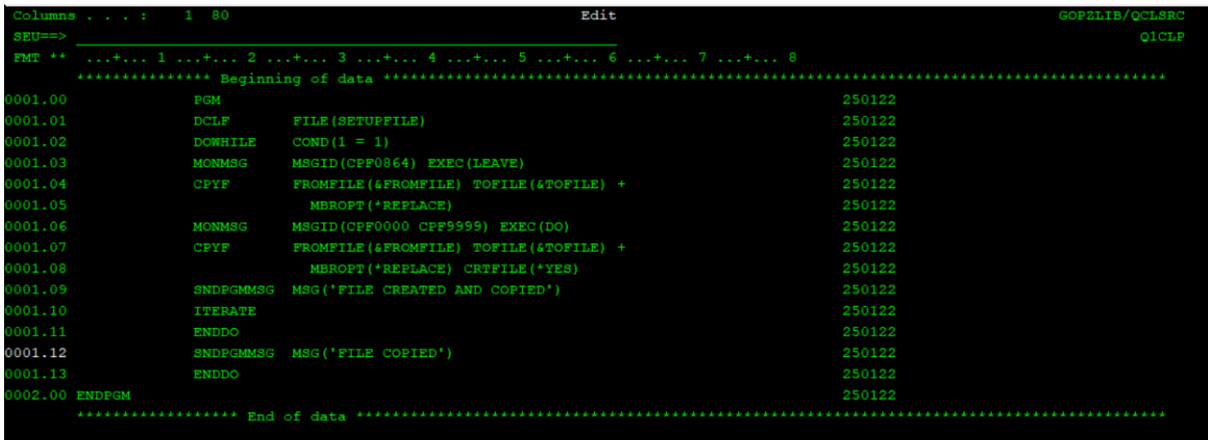
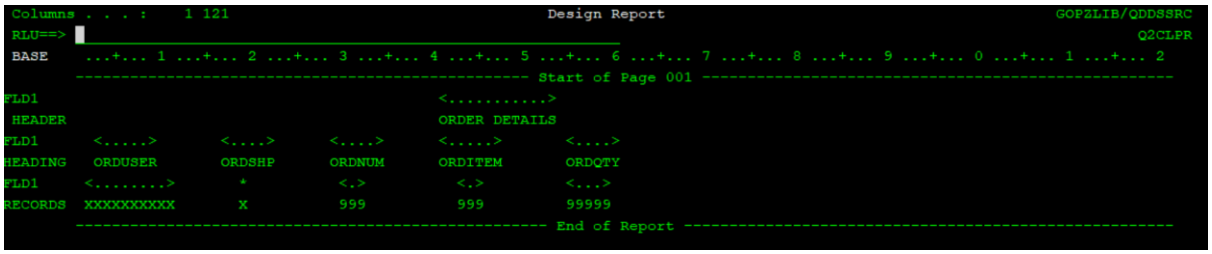
1. create a cl program which acts like a utility to copy data between files.
   There should be one setup file which has fromfile and tofile as fields and cl program should read records from
   this file and do cpyf between from file and tofile. If file doesn't exist it should create destination file with same name FROMFILE field.

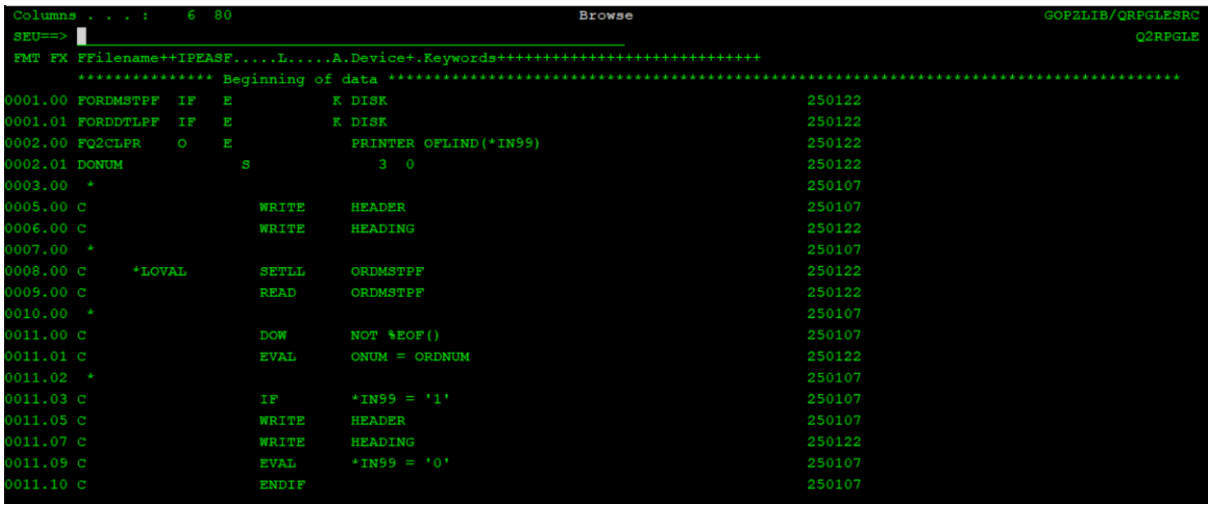


```
Columns . . . :    1  80                                Edit                                GOPZLIB/QCLSRC
SEU==> ____________________________________________________                                   Q1CLP
FMT **  ...+... 1 ...+... 2 ...+... 3 ...+... 4 ...+... 5 ...+... 6 ...+... 7 ...+... 8
       ************** Beginning of data ***************************************************************************************
0001.00             PGM                                                                    250122
0001.01             DCLF       FILE(SETUPFILE)                                             250122
0001.02             DOWHILE    COND(1 = 1)                                                 250122
0001.03             MONMSG     MSGID(CPF0864) EXEC(LEAVE)                                  250122
0001.04             CPYF       FROMFILE(&FROMFILE) TOFILE(&TOFILE) +                       250122
0001.05                          MBROPT(*REPLACE)                                          250122
0001.06             MONMSG     MSGID(CPF0000 CPF9999) EXEC(DO)                             250122
0001.07             CPYF       FROMFILE(&FROMFILE) TOFILE(&TOFILE) +                       250122
0001.08                          MBROPT(*REPLACE) CRTFILE(*YES)                            250122
0001.09             SNDPGMMSG  MSG('FILE CREATED AND COPIED')                              250122
0001.10             ITERATE                                                                250122
0001.11             ENDDO                                                                  250122
0001.12             SNDPGMMSG  MSG('FILE COPIED')                                          250122
0001.13             ENDDO                                                                  250122
0002.00 ENDPGM                                                                             250122
       ***************** End of data ***************************************************************************************
```

2. Create a cl program to take date as input and select all purchase orders for that date and then rpgle program should generate a report. Use purchase order master and detail file created before.



```
Columns . . . :    1 121                            Design Report                         GOPZLIB/QDDSSRC
RLU==> _____________________________________________________                                Q2CLPR
BASE    ...+... 1 ...+... 2 ...+... 3 ...+... 4 ...+... 5 ...+... 6 ...+... 7 ...+... 8 ...+... 9 ...+... 0 ...+... 1 ...+... 2
       ------------------------------------------------ Start of Page 001 ------------------------------------------------
FLD1                                          <...........>
 HEADER                                       ORDER DETAILS
FLD1       <.....>       <....>      <....>      <.....>       <....>
HEADING    ORDUSER       ORDSHP      ORDNUM      ORDITEM       ORDQTY
FLD1      <........>       *          <.>          <.>         <...>
RECORDS   XXXXXXXXXX       X          999          999         99999
       ------------------------------------------------ End of Report ----------------------------------------------------
```



```
Columns . . . :    6  80                               Browse                              GOPZLIB/QRPGLESRC
SEU==> _____________________________________________________                                Q2RPGLE
FMT FX FFilename++IPEASF.....L.....A.Device+.Keywords++++++++++++++++++++++++++++++
       ************** Beginning of data ***************************************************************************************
0001.00 FORDMSTPF  IF   E           K DISK                                          250122
0001.01 FORDDTLPF  IF   E           K DISK                                          250122
0002.00 FQ2CLPR    O   E             PRINTER OFLIND(*IN99)                         250122
0002.01 DONUM              S             3  0                                      250122
0003.00  *                                                                         250107
0005.00 C                   WRITE     HEADER                                       250107
0006.00 C                   WRITE     HEADING                                      250122
0007.00  *                                                                         250107
0008.00 C     *LOVAL        SETLL     ORDMSTPF                                     250122
0009.00 C                   READ      ORDMSTPF                                     250122
0010.00  *                                                                         250107
0011.00 C                   DOW       NOT %EOF()                                   250107
0011.01 C                   EVAL      ONUM = ORDNUM                                250122
0011.02  *                                                                         250107
0011.03 C                   IF        *IN99 = '1'                                  250107
0011.05 C                   WRITE     HEADER                                       250107
0011.07 C                   WRITE     HEADING                                      250122
0011.09 C                   EVAL      *IN99 = '0'                                  250107
0011.10 C                   ENDIF                                                  250107
```

```
0011.11   *                                                                  250107
0011.12 C      *LOVAL        SETLL     ORDDTLPF                            250122
0011.13 C                    READ      ORDDTLPF                            250122
0011.14   *                                                                  250122
0011.15 C                    DOW       NOT %EOF()                          250122
0011.17 C                    IF        ONUM = ORDNUM                       250122
0012.00 C                    WRITE     RECORDS                             250107
0012.01 C                    ENDIF                                         250122
0013.00 C                    READ      ORDDTLPF                            250122
0014.00 C                    ENDDO                                         250107
0014.01 C                    READ      ORDMSTPF                            250122
0014.02 C                    ENDDO                                         250122
0014.03   *                                                                  250107
0015.00 C                    EVAL      *INLR = '1'                         250107
        ****************** End of data ********************************************************************
```

```
Columns . . . :    1  80                          Browse                    GOP2LIB/QCLSRC
SEU==> _____________________________________________                        Q2CLP
FMT **  ...+... 1 ...+... 2 ...+... 3 ...+... 4 ...+... 5 ...+... 6 ...+... 7 ...+... 8
      *************** Beginning of data ***************************************************************************
0001.00             PGM       PARM(&ODATE)                                  250122
0001.01             DCLF      FILE(ORDMSTPF)                                250122
0001.02             DCL       VAR(&ODATE) TYPE(*CHAR) LEN(10)               250122
0001.03                                                                     250122
0001.04             CVTDAT    DATE(&ODATE) TOVAR(&ODATE) FROMFMT(*YYMD) +   250122
0001.05                         TOFMT(*YYMD) TOSEP(-)                       250122
0001.06             OVRDBF    FILE(ORDMSTPF) SHARE(*YES)                    250122
0001.07             OPNQRYF   FILE((ORDMSTPF)) OPTION(*ALL) +               250122
0001.08                         QRYSLT('ORDDATE = "'||&ODATE||'"') KEYFLD(*FILE)  250122
0001.10             CALL      PGM(Q2RPGLE)                                  250122
0001.11             CLOF      OPNID(ORDMSTPF)                               250122
0001.12             DLTOVR    FILE(*ALL)                                    250122
0002.00             ENDPGM                                                  250122
      ***************** End of data ***************************************************************************
```

3. Revisit same student assignment to take input as roll no and display marks for each subject and total/subtotal /percentage at end.

This should be ILE program , we should have module which take 2 values as input and returns percentage as o.p.

In this case it will take total marks obtained and total marks as input and will return percentage.

once f7 is pressed it should generate a report showing marksheet for student , this report program should be separate module and will be called on pressing f7

4.we have different applications sending item data to system.

create different item file for each application and one dummy file matching structure.

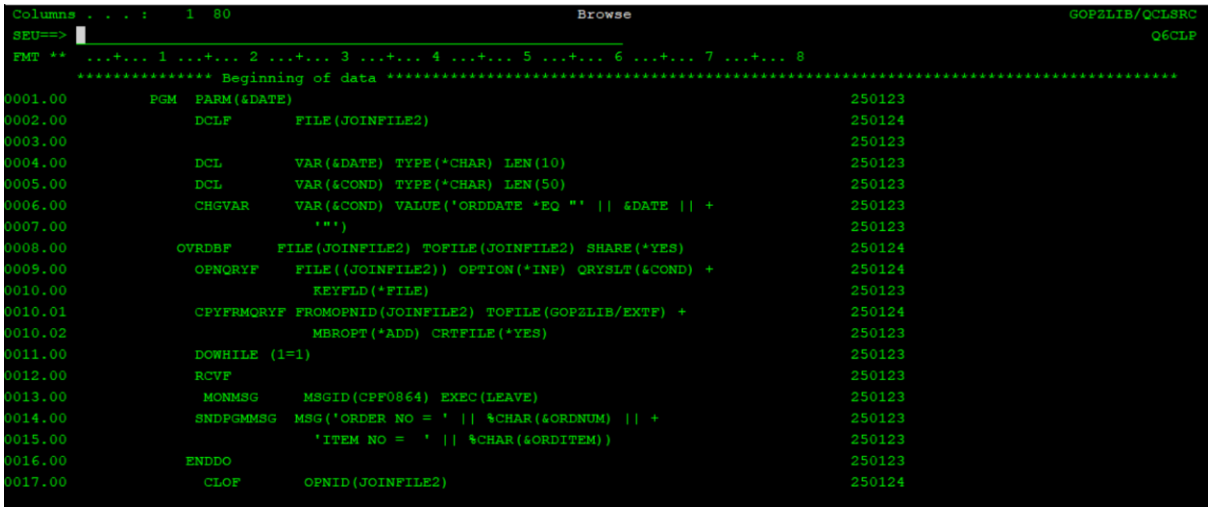
create a cl program to take application id as input and it should override appropriate application file to dummy file before calling rpgle program .

rpgle program will have dummy file in f-spec and it should just copy these items into item master pf

fields present in these files will be item no , item description , perunit price

5. repeat same 4th question using member concept , instead of different files add members to item file for each app and it should override those.

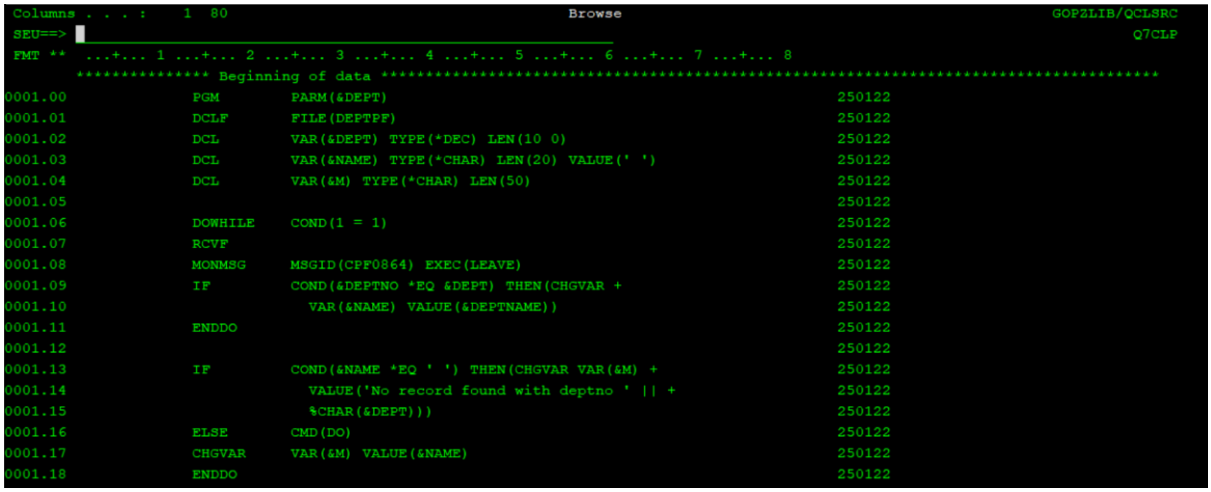
6. Create a cl program to take date as input and select all purchase orders for that date and create a output extract file in cl itself , This file will have order no , itemno , qty,date as fields. It should select records for that date and ship flag as 'Y'



```
Columns . . . :    1  80                          Browse                        GOPZLIB/QCLSRC
SEU==>                                                                          Q6CLP
FMT **  ...+... 1 ...+... 2 ...+... 3 ...+... 4 ...+... 5 ...+... 6 ...+... 7 ...+... 8
      ********** Beginning of data **************************************************************************
0001.00         PGM  PARM(&DATE)                                                250123
0002.00              DCLF       FILE(JOINFILE2)                                 250124
0003.00                                                                         250123
0004.00              DCL        VAR(&DATE) TYPE(*CHAR) LEN(10)                  250123
0005.00              DCL        VAR(&COND) TYPE(*CHAR) LEN(50)                  250123
0006.00              CHGVAR     VAR(&COND) VALUE('ORDDATE *EQ "' || &DATE || +  250123
0007.00                           '"')                                          250123
0008.00            OVRDBF     FILE(JOINFILE2) TOFILE(JOINFILE2) SHARE(*YES)   250124
0009.00              OPNQRYF    FILE((JOINFILE2)) OPTION(*INP) QRYSLT(&COND) +  250124
0010.00                           KEYFLD(*FILE)                                 250123
0010.01              CPYFRMQRYF FROMOPNID(JOINFILE2) TOFILE(GOPZLIB/EXTF) +     250124
0010.02                           MBROPT(*ADD) CRTFILE(*YES)                    250123
0011.00              DOWHILE (1=1)                                              250123
0012.00              RCVF                                                       250123
0013.00               MONMSG     MSGID(CPF0864) EXEC(LEAVE)                    250123
0014.00              SNDPGMMSG  MSG('ORDER NO = ' || %CHAR(&ORDNUM) || +        250123
0015.00                           'ITEM NO =  ' || %CHAR(&ORDITEM))             250123
0016.00            ENDDO                                                       250123
0017.00              CLOF       OPNID(JOINFILE2)                              250124
```

```
0018.00         ENDPGM
      ********** End of data **********************************************
```

7. Create a cl program to take department no as input and retrieve department name and display using sndpgmmsg .



```
Columns . . . :    1  80                          Browse                        GOPZLIB/QCLSRC
SEU==>                                                                          Q7CLP
FMT **  ...+... 1 ...+... 2 ...+... 3 ...+... 4 ...+... 5 ...+... 6 ...+... 7 ...+... 8
      ********** Beginning of data **************************************************************************
0001.00              PGM        PARM(&DEPT)                                     250122
0001.01              DCLF       FILE(DEPTPF)                                    250122
0001.02              DCL        VAR(&DEPT) TYPE(*DEC) LEN(10 0)                 250122
0001.03              DCL        VAR(&NAME) TYPE(*CHAR) LEN(20) VALUE(' ')       250122
0001.04              DCL        VAR(&M) TYPE(*CHAR) LEN(50)                     250122
0001.05                                                                         250122
0001.06              DOWHILE    COND(1 = 1)                                     250122
0001.07              RCVF                                                       250122
0001.08              MONMSG     MSGID(CPF0864) EXEC(LEAVE)                      250122
0001.09              IF         COND(&DEPTNO *EQ &DEPT) THEN(CHGVAR +           250122
0001.10                           VAR(&NAME) VALUE(&DEPTNAME))                  250122
0001.11              ENDDO                                                      250122
0001.12                                                                         250122
0001.13              IF         COND(&NAME *EQ ' ') THEN(CHGVAR VAR(&M) +       250122
0001.14                           VALUE('No record found with deptno ' || +     250122
0001.15                           %CHAR(&DEPT)))                                250122
0001.16              ELSE       CMD(DO)                                         250122
0001.17              CHGVAR     VAR(&M) VALUE(&NAME)                            250122
0001.18              ENDDO                                                      250122
```

```
0001.19
0001.20                 SNDPGMMSG  MSG(&M)
0002.00                 ENDPGM
      ********** End of data **********************************************
```

OR

```
Columns . . . :    1  80                          Browse                    GOPZLIB/QCLSRC
SEU==> ____________________________________________                         Q7CLPC
FMT **  ...+... 1 ...+... 2 ...+... 3 ...+... 4 ...+... 5 ...+... 6 ...+... 7 ...+... 8
       ********** Beginning of data **************************************************************************
0001.00             PGM         PARM(&DEPT)                                    250122
0001.01             DCLF        FILE(DEPTPF)                                   250122
0001.02             DCL         VAR(&DEPT) TYPE(*DEC) LEN(10 0)                250122
0001.03             DCL         VAR(&NAME) TYPE(*CHAR) LEN(20) VALUE(' ')      250122
0001.04             DCL         VAR(&M) TYPE(*CHAR) LEN(70)                    250122
0001.05             DCL         VAR(&COND) TYPE(*CHAR) LEN(70)                 250122
0001.06             CHGVAR      VAR(&COND) VALUE('DEPTNO *EQ "' || +           250122
0001.07                           %CHAR(&DEPT) || '"')                         250122
0001.09                                                                        250122
0001.10             OVRDBF      FILE(DEPTPF) SHARE(*YES)                       250122
0001.11             OPNQRYF     FILE((DEPTPF)) OPTION(*ALL) QRYSLT(&COND) +    250122
0001.12                           KEYFLD(*FILE)                                250122
0001.13             DOWHILE     (1=1)                                          250122
0001.14             RCVF                                                       250122
0001.15             MONMSG      MSGID(CPF0864) EXEC(LEAVE)                     250122
0001.16             CHGVAR      VAR(&NAME) VALUE(&DEPTNAME)                    250122
0001.17             ENDDO                                                      250122
0001.18                                                                        250122
0001.19             IF          COND(&NAME *EQ ' ') THEN(CHGVAR VAR(&M) +      250122
```

```
0001.20                           VALUE('No record found with deptno ' || +    250122
0001.21                           %CHAR(&DEPT)))                               250122
0001.22             ELSE        CMD(DO)                                        250122
0001.23             CHGVAR      VAR(&M) VALUE(&NAME)                           250122
0001.24             ENDDO                                                      250122
0001.25                                                                        250122
0001.26             SNDPGMMSG   MSG(&M)                                       250122
0001.27             CLOF        OPNID(DEPTPF)                                  250122
0001.28             DLTOVR      FILE(*ALL)                                     250122
0002.00             ENDPGM                                                     250122
       ********** End of data **************************************************************************
```

8. Create cl program to take file name as input and delete complete data of that file .

```
Columns . . . :    1  80                          Browse                    GOPZLIB/QCLSRC
SEU==> ____________________________________________                         Q8CLP
FMT **  ...+... 1 ...+... 2 ...+... 3 ...+... 4 ...+... 5 ...+... 6 ...+... 7 ...+... 8
       ********** Beginning of data **************************************************************************
0001.00             PGM         PARM(&FILENAME)                                250122
0002.00             DCL         VAR(&FILENAME) TYPE(*CHAR) LEN(10)             250122
0003.00                                                                        250122
0004.00             CLRPFM      FILE(GOPZLIB/&FILENAME)                        250122
0005.00             ENDPGM                                                     250122
       ********** End of data **************************************************************************
```

9. Repeat question 8 using sql query in clp.

```
Columns . . . :    1  80                          Browse                    GOPZLIB/QCLSRC
SEU==> ____________________________________________                         Q9CLP
FMT **  ...+... 1 ...+... 2 ...+... 3 ...+... 4 ...+... 5 ...+... 6 ...+... 7 ...+... 8
       ********** Beginning of data **************************************************************************
0001.00             PGM         PARM(&FILENAME)                                250122
0002.00             DCL         VAR(&FILENAME) TYPE(*CHAR) LEN(10)             250122
0003.00                                                                        250122
0004.00             RUNSQL      SQL('DELETE FROM ' || &FILENAME) COMMIT(*NONE) 250122
0005.00             ENDPGM                                                     250122
       ********** End of data **************************************************************************
```

10. Create an EMPMASTER (employee master) PF with the fields employee ID, employee name and employee department. Add 10 records to this file of which 6 records

should be for employees in department "PAYROLL", 2 for department "FINANCE" and 2 for department "HR"

Create an EMPDETAIL (employee details) PF with the fields employee ID, employee designation and employee salary. This file should hold the details for the 10 employee records in the employee master file. Out of the 6 employees in PAYROLL department, 4 should have salary > 10,000 and 2 should have salary < 10,000.

Create an EMPFEEDBK (employee feedback) PF with the fields employee ID and employee rating. This file should hold the details for all the 10 employees with 3 employees whose salary>10,000 holding the rating as Outstanding and all others having different ratings.

Next create a data area from the command prompt to store Employee Names . The data area name should be "EMPNAMEDTA" The minimum length of the data area should be such that it can store minimum 3 Names as per the definition of your file field with an additional margin of 3 spaces in between.

Create a service procedure which accepts employee ID as input and returns a flag with the value as TRUE if the salary of the employee > 10,000 else FALSE.

Create another service procedure that accepts employee ID as input and returns a flag with the value as TRUE if the rating of the employee is Outstanding else FALSE.

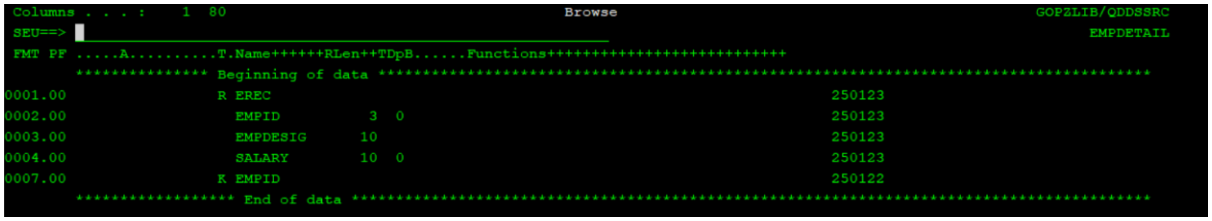
Create a CL program to first filter your employee master file with records only from PAYROLL department.

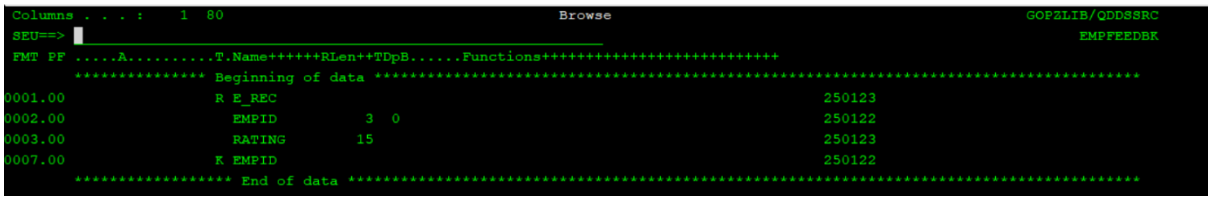
Create an RPGLE program which will be called from the CL program. Read the employee master file to sequentially read the records from PAYROLL dept. one by one(sequentially) until end of the file(please note that you are not allowed to do the filtering in RPGLE program, this should be handled in CL itself). Next you need to write the corresponding employee name of the employees in the data area "EMPNAMEDTA" from Payroll department, who has Outstanding rating and their salary > 10,000. Use the service procedures to identify these records.

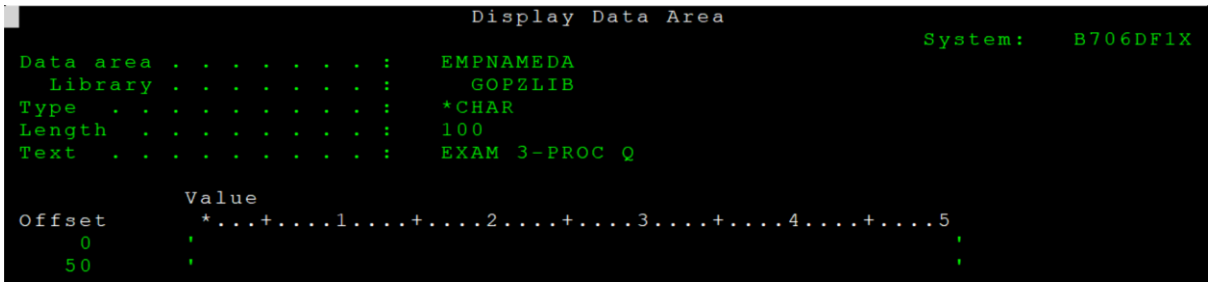
Technical specifications to be considered.

The service procedures should be written as external procedures using RPG opcode style programing. Both the procedures should be written in seperate modules and they should be binded to a service program.

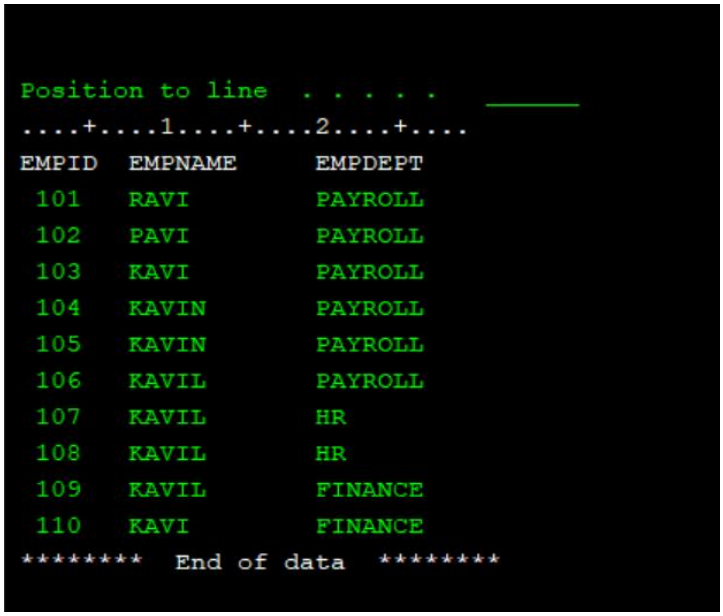
11. Recreate program using sqlrpgle (Cursors)



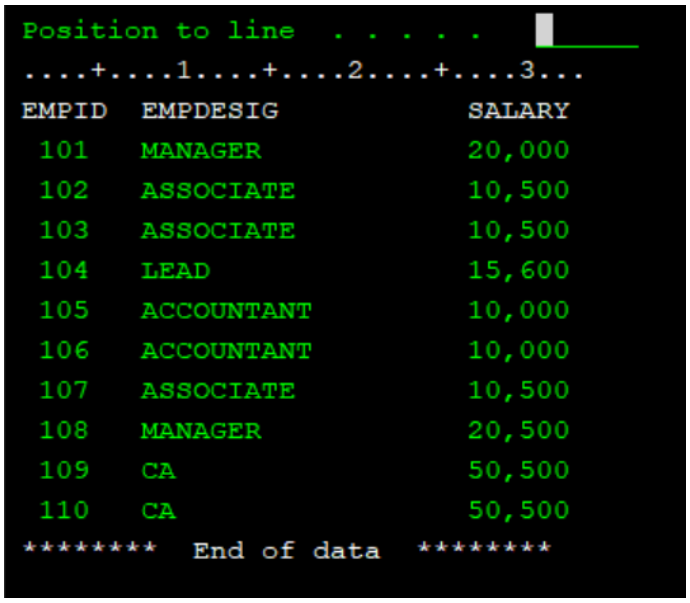




EMPMASTER1



EMPDETAIL



```
Position to line  . . . . .
....+....1....+....2....+....3...
EMPID  EMPDESIG            SALARY
 101   MANAGER             20,000
 102   ASSOCIATE           10,500
 103   ASSOCIATE           10,500
 104   LEAD                15,600
 105   ACCOUNTANT          10,000
 106   ACCOUNTANT          10,000
 107   ASSOCIATE           10,500
 108   MANAGER             20,500
 109   CA                  50,500
 110   CA                  50,500
********  End of data  ********
```

EMPFEEDBK

```
Position to line  . . . . .
....+....1....+....2..
EMPID  RATING
 101   OUTSTANDING
 102   OUTSTANDING
 103   OUTSTANDING
 104   GOOD
 105   GOOD
 106   BAD
 107   OUTSTANDING
 108   GOOD
 109   OUTSTANDING
 110   GOOD
********  End of data  ********
```

MAIN PROGRAM

```
Columns . . . :    6  80                          Browse                        GOP2LIB/QRPGLESRC
SEU==> _____                                                                    EXAM3RPGLE
FMT H  HKeywords++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
       ************** Beginning of data ********************************************************************************
0000.01 HDFTACTGRP(*NO)BNDDIR('EXAM3PROC')                                      250123
0000.02  *ACTGRP(*CALLER)-->If u dont want to mention in 14                     250123
0001.00 FEMPMASTER1IF   E           K DISK                                      250123
0002.01 DEMPNAMEDA        S            100    DTAARA                           250123
0002.02 DEMPDS          E DS                 EXTNAME(EMPMASTER1)              250123
0002.04 DA1               S              1                                      250123
0002.05 DA2               S              1                                      250123
0002.06 DI                S              2  0 INZ(1)                           250123
0002.07 DGETSAL           PR                                                   250123
0002.08 D                                3  0                                  250123
0002.09 D                                1                                    250123
0002.10 DGETRAT           PR                                                   250123
0002.11 D                                3  0                                  250123
0002.12 D                                1                                    250123
0003.00  ***************************************************************       250123
0004.00 C/EXEC SQL                                                             250123
0005.00 C+ SET OPTION COMMIT = *NONE                                           250123
0006.00 C/END-EXEC                                                             250123
0007.00 ***************************************************************       250123
```

```
Columns . . . :    6  80                          Browse
SEU==> _____
FMT ** ... 1 ...+... 2 ...+... 3 ...+... 4 ...+... 5 ...+... 6 ...+... 7 ...+... 8
0008.00 C/EXEC SQL                                                             250123
0009.00 C+ DECLARE C1 CURSOR FOR SELECT * FROM EMPMASTER1 WHERE +              250124
0009.01 C+ EMPDEPT = 'PAYROLL'                                                 250124
0010.00 C/END-EXEC                                                             250123
0011.00  *                                                                     250123
0012.00 C/EXEC SQL                                                             250123
0013.00 C+ OPEN C1                                                             250123
0014.00 C/END-EXEC                                                             250123
0015.00  *                                                                     250123
0015.01 C                   CLEAR                   EMPDS                      250123
0015.02  *                                                                     250123
0015.03 C/EXEC SQL                                                             250123
0015.04 C+ FETCH C1 INTO :EMPDS                                                250123
0015.05 C/END-EXEC                                                             250123
0016.00 C                   DOW         SQLCODE <> 100                     250123
0016.04 C                   CALLP       GETSAL(EMPID:A1)                   250123
0016.05 C                   CALLP       GETRAT(EMPID:A2)                   250123
0016.06  *                                                                     250123
0016.07 C                   IF          A1 = 'T' AND A2 = 'T'              250123
0016.08 C     *LOCK         IN          EMPNAMEDA                          250123
```

```
0016.09 C                   EVAL        %SUBST(EMPNAMEDA:I:10) = EMPNAME   250123
0016.10 C                   EVAL        I = I + 13                         250123
0016.11 C                   OUT         EMPNAMEDA                          250123
0016.12 C                   ENDIF                                          250123
0016.13  *                                                                 250123
0017.00 C                   IF          SQLCODE = 100                      250123
0018.00 C                   LEAVE                                          250123
0019.00 C                   ENDIF                                          250123
0019.01 C/EXEC SQL                                                         250123
0019.02 C+ FETCH C1 INTO :EMPDS                                            250123
0019.03 C/END-EXEC                                                         250123
0020.00 C                   ENDDO                                          250123
0020.01 C/EXEC SQL                                                         250123
0020.02 C+ CLOSE C1                                                        250123
0020.03 C/END-EXEC                                                         250123
0021.00 C                   EVAL        *INLR = '1'                        250123
       ****************** End of data ********************************************************************************
```

PROCEDURE MODULE

```
Columns . . . :    6  80                          Browse                        GOPZLIB/QRPGLESRC
SEU==> _____                                                                    EXAM3PROC1
FMT H  HKeywords+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
       ********** Beginning of data **************************************************************************
0001.00 H*NOMAIN                                                        250123
0001.01 FEMPDETAIL IF   E           K DISK                              250123
0001.02 DSAL            S             10  2                             250123
0001.03 DRAT            S             15                                250124
0001.04 c/exec sql                                                      250123
0001.05 c+ set option commit = *none                                    250123
0001.06 c/end-exec                                                      250123
0001.07                                                                 250123
0002.00 C                 EVAL      *INLR = '1'                         250123
0003.00  * ******************************************************      250123
0004.00 PGETSAL           B                 EXPORT                      250123
0005.00 DGETSAL           PI                                            250123
0006.00 DEID                             3  0                          250123
0007.00 DRES                             1                             250123
0011.00  *                                                              250123
0011.01 c/exec sql                                                      250123
0011.02 c+ select salary into :sal from empdetail where empid = :eid    250123
0011.03 c/end-exec                                                      250123
0013.00 C                 IF        SAL > 10000                         250123
```

```
0014.00 C                   EVAL      RES = 'T'
0015.00 C                   ELSE
0016.00 C                   EVAL      RES = 'F'
0017.00 C                   ENDIF
0018.00 C                   RETURN
0018.01 PGETSAL             E
0019.00  ***************************************************************************
0020.00 PGETRAT             B                   EXPORT
0021.00 DGETRAT             PI
0022.00 DEID                              3  0
0023.00 DRES                              1
0024.00 c/exec sql
0025.00 c+ select RATING into :RAT from EMPFEEDBK where empid = :eid
0026.00 c/end-exec
0027.00 C                   IF        RAT = 'OUTSTANDING'
0028.00 C                   EVAL      RES = 'T'
0029.00 C                   ELSE
0030.00 C                   EVAL      RES = 'F'
0031.00 C                   ENDIF
0032.00 C                   RETURN
```

```
0033.00 PGETRAT             E                                           250124
       ****************** End of data ********************************************************
```

12. Create a view between emppf and deptpf , fields empno , empname , deptno , deptname . Create sqlrpgle program to take department no as input and display data in subfile for all employess in this department , data should be sorted by empnoi

```
  > CREATE VIEW EDVIEW AS SELECT EMPPF.EMPNO, EMPPF.EMPNAME,
    EMPPF.EMPCITY, DEPTPF.DEPTNO, DEPTPF.DEPTNAME FROM EMPPF JOIN
    DEPTPF ON EMPPF.DEPTNO = DEPTPF.DEPTNO
    View EDVIEW created in GOPZLIB.
  > SELECT * FROM EDVIEW
    SELECT statement run complete.
```

```
Columns . . . :    6  80                              Browse                                GOP2LIB/QRPGLESRC
SEU==>                                                                                      Q12EMPDEPT
FMT FX FFilename++IPEASF.....L.....A.Device+.Keywords++++++++++++++++++++++++++++++
     ************** Beginning of data *************************************************************************
0003.00 FQ12DSPF   CF   E             WORKSTN SFILE(EMPSFL:RRN)                      250124
0005.00 DRRN               S             4  0                                        250123
0006.01 DEMPDS           E DS                  EXTNAME(EDVIEW)                      250124
0007.00  *                                                                           250123
0007.01 C/EXEC SQL                                                                   250123
0007.02 C+ SET OPTION COMMIT = *NONE                                                 250123
0007.03 C/END-EXEC                                                                   250123
0008.00 C                   DOW       *IN03='0'                                      250123
0011.00 C                   IF        *IN03 = '1'                                    250123
0012.00 C                   LEAVE                                                    250123
0013.00 C                   ENDIF                                                    250123
0018.00 c                   EXSR      LOADORDER                                      250123
0022.00 C                   ENDDO                                                    250123
0023.00 C                   EVAL      *INLR = '1'                                    250123
0024.00  *----------MAIN CODE OVER---- SUBROUTINES STARTS--------*                    250123
0025.00 C     LOADORDER     BEGSR                                                    250123
0026.00 C                   DOW       *IN03 = '0'                                    250123
0026.01 C                   EXFMT     DSPLY                                          250124
0027.00 C                   EXSR      CLRSFL                                         250123
```

```
0028.00 C                   EXSR      LOADSFL
0029.00 C                   EXSR      DISPSFL
0030.00 C                   ENDDO
0034.00 C                   ENDSR
0035.00  *-----------------------------------------------
0036.00  *
0037.00 C     CLRSFL        BEGSR
0038.00 C                   EVAL      *IN93 = '1'
0039.00 C                   WRITE     EMPCTL
0040.00 C                   EVAL      *IN93 = '0'
0041.00 C                   ENDSR
0042.00  *----- CLRSFL SR OVER-------------------------*
0043.00  *
0044.00 C     LOADSFL       BEGSR
0045.00 C                   EVAL      RRN = 0
0045.01 C/EXEC SQL
0045.02 C+ DECLARE EMPDPT CURSOR FOR SELECT EMPNO, EMPNAME, EMPCITY
0045.03 C+ FROM EDVIEW V WHERE V.DEPTNO = :SDEPTNO
0045.04 C+ ORDER BY V.EMPNO
0045.05 C/END-EXEC
```

```
0045.06  *
0045.07 C/EXEC SQL
0045.08 C+ OPEN EMPDPT
0045.09 C/END-EXEC
0045.10  *
0045.11 C/EXEC SQL
0045.12 C+ FETCH EMPDPT INTO :EMPDS
0045.13 C/END-EXEC
0048.00 C                   DOW       SQLCODE <> 100
0055.00 C                   EVAL      RRN = RRN + 1
0056.00 C                   WRITE     EMPSFL
0056.01 C/EXEC SQL
0056.02 C+ FETCH EMPDPT INTO :EMPDS
0056.03 C/END-EXEC
0061.00 C                   ENDDO
0061.01 C/EXEC SQL
0061.02 C+ CLOSE EMPDPT
0061.03 C/END-EXEC
0062.00 C                   ENDSR
0063.00  *-----------LOADSFL OVER-------------------------*
```

```
0064.00 C     DISPSFL       BEGSR
0065.00 C                   WRITE     FOOTER
0066.00 C                   EVAL      *IN92 = '1'
0067.00 C                   IF        RRN > 0
0068.00 C                   EVAL      *IN91 = '1'
0069.00 C                   EVAL      *IN94 = '1'
0070.00 C                   ENDIF
0071.00 C                   EXFMT     EMPCTL
0075.00 C                   EVAL      *IN91 = '0'
0076.00 C                   EVAL      *IN94 = '0'
0077.00 C                   EVAL      *IN92 = '0'
0078.00 C                   ENDSR
0079.00  *----------------------------------------------------
```