```
/*REXX*/                                                                00010000
"ISREDIT MACRO (STRING)"    /* STRING IS THE PARAMETER */               00020000
"ISREDIT X ALL"                         /* EXCLUDE ALL LINES       */   00030000
"ISREDIT F ALL " STRING         /* FIND ONLY PARM PASSED   */           00040000
EXIT                                                                    00050000
/*REXX*/                                                                00010000
/* used to zoom a copybook in a cobol program */                        00020000
/*  TEST   COPY USWNOTE1. */                                            00030000
ADDRESS ISREDIT                                                         00040000
'MACRO'                                                                 00050000
'(lnum) = LINENUM' .ZCSR                                                00060000
'(lndata) = LINE' lnum                                                  00070000
lndata = strip(lndata)                                                  00080000
say lndata                                                              00081000
/*         ------------>  */                                            00082001
dspos = pos('COPY',lndata)    /* checks for copy in line extracted */   00090000
if dspos = 0 then  SIGNAL error_msg                                     00100000
lastpos = pos('.',substr(lndata,dspos+5))                               00110000
member = substr(lndata,dspos+5,lastpos-1)                               00120000
member = strip(member)                /* removes trailing and leading   00130000
/* ---------------- */                                                  00131001
                                         blanks*/                       00140000
dsname = 'PARASD.REXX.SRC('||member||')'                                00150000
 address ispexec                                                        00160000
 "browse dataset('"dsname"')" ;                                         00170000
 exit                                                                   00180000
 error_msg:                                                             00190000
  say 'Place the cursor over the COPY verb'                             00200000
 exit                                                                   00210000
ADDRESS ISPEXEC                                                         00010000
'VGET (ZSCREENI,ZSCREENC,ZENVIR)'      /* EXTRACT SCREEN IMAGE,         00020000
                                          CURSOR POS AND ISPF LEVEL  */ 00030000
IF SUBSTR(ZENVIR,5,4) <4.5 THEN                                         00040000
  CALL GET_ZSCREEN_VALUES                                               00050000
TRTABLE='ABCDEFGHIJKLMNOPQRSTUVWXYZ'   /* SETUP VALID DSNAME CHARS   */ 00060000
TRTABLE=TRTABLE||TRANSLATE(TRTABLE)||'$#@0123456789.''-{()'             00070000
TRTABLE=TRANSLATE(XRANGE('00'X,'FF'X),,TRTABLE,' ')                     00080000
ZSCREENI=TRANSLATE(ZSCREENI,,TRTABLE,' ') /* REMOVE NON-DSN CHARS    */ 00090000
IF SUBSTR(ZSCREENI,ZSCREENC+1,1) <> ' ' THEN /* MAYBE CSR ON DSN     */ 00100000
  DO                                   /* EXTRACT DSN FROM SCREEN IMAGE 00110000
                                          AND VIEW DATASET           */ 00120000
    NAME=WORD(SUBSTR(ZSCREENI,1+LASTPOS(' ',ZSCREENI,ZSCREENC)),1)      00130000
    SAY NAME                                                            00131000
    NAME=TRANSLATE(STRIP(SUBSTR(NAME,1,56))) /* MAX OF 56 CHAR NAME  */ 00140000
    IF SUBSTR(NAME,1,1)='(' THEN                                        00150000
      PARSE VAR NAME '('NAME')'.                                        00160000
    PARSE VAR NAME DSN '('MEM')'       /* IS THERE A MEMBER NAME?    */ 00170000
    OMEM=MEM                                                            00180000
    IF MEM<>'' THEN                    /* IF SO, REFORMAT FOR VIEW      00190000
                                          CMD                        */ 00200000
      DO                                                                00210000
        GDG=0                                                           00220000
        NAME=DSN                       /* GET DSN                    */ 00230000
        IF SUBSTR(NAME,1,1)='''' THEN  /* IF ORIGINAL NAME STARTED WITH 00240000
                                          QUOTES                     */ 00250000
          NAME=NAME''''                /* FIX QUOTES                 */ 00260000
        END                                                             00270000
      END                                                               00280000
      SAY NAME                                                          00290000
 RETURN                                                                 00291000
 GET_ZSCREEN_VALUES:                    /* OBTAIN THE SCREEN IMAGE    */00300000
 ADDRESS ISPEXEC 'VGET (ZSCREENW,ZSCREEND)'                             00310000
 P = PTR(96+PTR(PTR(24+PTR(112+PTR(132+PTR(540))))))                    00320000
 ZSCREENI=TRANSLATE(STORAGE(D2X(P),,                                    00330000
   ZSCREENW*ZSCREEND),,XRANGE('00'X,'3F'X))                             00340000
 ZSCREENC = C2D(STORAGE(,                                               00350000
   D2X(164+PTR(PTR(24+PTR(112+PTR(132+PTR(540)))))),4))                 00360000
 RETURN                                                                 00370000
 PTR:  RETURN C2D(BITAND(STORAGE(D2X(ARG(1)),4),'7FFFFFFF'X))           00380000
/* REXX                                                           */    00001007
/* This Macro will create the compile jcl, submit the jcl and           00001107
   will show the result of the compilation on the ISPF Screen.          00001209
                                                                        00001309
   Pre-Requisites : 2 EXEC SCOMP and SCOMP1 must be saved in a PDS.     00001409
                    This PDS must be allocated to ISPEXEC or SYSEXEC.   00001509
                    Skeleton of the Compile JCL must be saved in a PDS. 00001609
                    This skeleton must contain a variable &SRCNAME      00001709
                    to refer to the Source Program file.                00001809
                                                                        00001909
   Modifications  : Change UTLTPDS to the PDS where Compile JCL is saved00002009
                    Change TEMPL to the Compile JCL member name.        00002109
                                                                        00002209
   How to start   : Open the Source file in the ISPF Editor in Edit mode00002309
                    Type SCOMP on the Command bar.                      00002409
                    The compile JCL will be created, submitted and the  00002509
                    output listing will be shown on a separate screen.  00002609
                                                                    */  00002709
                                                                        00002809
'ISREDIT MACRO'                                                         00003002
'ISREDIT (pgmlib) = dataset'                                            00030009
'ISREDIT (pgmname) = member'                                            00040009
                                                                        00050009
 /* Tailor the JCL */                                                   00060009
                                                                        00060109
 utltpds = 'PARASD.REXX.SRC' /* CHANGE TO THE CORRECT COMPILE PDS  */   00061009
                                                                        00062009
 ADDRESS ISPEXEC                                                        00070003
 "LIBDEF ISPPLIB DATASET ID('"utltpds"')"                               00080009
 "LIBDEF ISPSLIB DATASET ID('"utltpds"')"                               00090009
 ADDRESS TSO                                                            00100003
 "ALLOC FI(ISPFILE) DA('"utltpds"') SHR REUSE"                          00110009
                                                                        00110109
 srcname=pgmlib'('pgmname')'                                            00110209
 ADDRESS ISPEXEC                                                        00111003
 "FTOPEN TEMP"                                                          00120007
 "FTINCL TEMPL"              /* CHANGE TO THE CORRECT COMPILE MEMBER */ 00130009
 "FTCLOSE"                                                              00140007
 "VGET (ZTEMPF)"                                                        00150003
 TRACE "OFF"                                                            00180007
 ADDRESS ISPEXEC "CONTROL ERRORS RETURN"                                00200007
 CALL OUTTRAP "LINE."                                                   00210007
 arg = "SUB ('"ZTEMPF"')"                                               00220009
                                                                        00230007
 /* Submit the Compile Job */                                           00240009
                                                                        00250007
 ADDRESS TSO arg                                                        00260009
 CALL OUTTRAP "OFF"                                                     00270007
                                                                        00271009
 IF LINE.0 > 0                                                          00280007
 THEN DO                                                                00290007
```

```

   /* Get the JOB name and number */

   line1 = LINE.1
   posjob  = POS("(",line1)
   jobname = SUBSTR(line1,5,posjob-5)
   jobid   = SUBSTR(line1,posjob+1,8)

   /* Process SDSF   */

   ADDRESS TSO
   maxrc = ""

   /* WRITE SDSF COMMANDS TO QUEUE */
   QUEUE "SET CONFIRM OFF"
   QUEUE "OWNER *"
   QUEUE "PREFIX *"
   QUEUE "H"
   QUEUE "SELECT "jobname jobid
   QUEUE "AFD REFRESH"
   QUEUE "FIND "jobname
   QUEUE "END"
   QUEUE ""

   /* ALLOCATE IN-/OUT-DATASET */

   "ALLOC DD(ISFIN)  NEW REUSE UNIT(SYSDA)",
          "RECFM(F,B) LRECL(80) BLKSIZE(27920) SPACE(1) TRACKS"
   "ALLOC DD(ISFOUT) NEW REUSE UNIT(SYSDA)",
          "RECFM(F,B,A) LRECL(301) BLKSIZE(27993) SPACE(1) CYL"
   "EXECIO * DISKW ISFIN (FINIS"

   DO WHILE maxrc = ""

     /* Call SDSF */
     PARM = "/ ++20,400"
     ADDRESS LINKPGM "SDSF PARM"

     /* READ ISFOUT IN OUT. */
     "EXECIO * DISKR ISFOUT (STEM OUT. FINIS"
     DO i=1 TO OUT.0 BY 1
       IF(POS(jobname,OUT.I) <> 0 & POS(jobid,OUT.I) <> 0)
       THEN DO
         maxrc = SUBSTR(OUT.I,276)
         LEAVE
       END
     END
   END

   "FREE DD(ISFIN,ISFOUT)"

   /* Save Output to a File */

   ADDRESS TSO
   "OUTPUT "JOBNAME"("JOBID")  PRINT("SDFOUT") KEEP HOLD"

   ADDRESS ISPEXEC
   "SELECT PGM(ISPSTRT) PARM("TSO SCOMP1")"

END
```

```
 RETURN /*maxrc */                                                      00980009
                                                                        00020000
ADDRESS ISPEXEC                                                         00030000
"SELECT PGM(ISPSTRT) PARM("TSO MAC4")"                                  00050003
DSN = "PARASD.SDFOUT.OUTLIST"                                           00010001
ADDRESS ISPEXEC                                                         00030001
"CONTROL ERRORS RETURN"                                                 00040001
"BROWSE DATASET('"DSN"') "                                              00050002
)ATTR
  $ TYPE(INPUT) INTENS(LOW) PAD(_)    /* INPUT FIELD PADDED WITH '_' */
  ! TYPE(INPUT) INTENS(LOW) PAD(' ')  /* INPUT FIELD PADDED WITH ' ' */
  # TYPE(OUTPUT) INTENS(LOW) PAD(' ')  /* OUTPUT */
)BODY
%--------------------  General Pattern Search Tool
+
+
+    Source PDS Name  : $Z                              +
+    Source Member    : _Z       +
+    Application Name : _Z       +
+
+    Valid Column Position
+
+    Left            : _Z+
+    Right           : _Z +
+
+    Comment Position  : _Z+
+    Comment Pattern   : _Z      +
+
+    Pattern List Dataset : _Z                              +
+
+    New Pattern Exclusion  PS : _Z                              +
+
+    Submit/Edit     : _Z+
+
% #MSG
)INIT
  .ZVARS  = '(SRCPDS SRCMEM APPL LDATA RDATA COMNPOS COMNPAT +
              PATNDS ADDPPS ED)'
      &CUR = ED
     .CURSOR = &CUR
)END
/* REXX */                                                              00010000
DO i = 1 TO 2                                                           00020000
SAY 'Enter an employee name.'                                           00030000
PARSE PULL employee.i                                                   00040000
END                                                                     00050000
SAY EMPLOYEE.0                                                          00051000
DO i = 1 TO 2                                                           00060000
SAY EMPLOYEE.I                                                          00070000
END                                                                     00090000
EMPLOYEE. = 'EMPLOYEE'                                                  00091000
SAY EMPLOYEE.3                                                          00100000
SAY EMPLOYEE.2                                                          00110000
SAY EMPLOYEE.4                                                          00120000
/* REXX */                                                              00010000
arg a b d                                                               00030000
c = a + b                                                               00040000
say'□The sum is □'c                                                     00050000
say d                                                                   00060000
exit                                                                    00070000
```

```
/* REXX */                                                              00010000
ADDRESS TSO                                                             00020000
DSN1 = "PARASD.TEMP"                                                    00021000
DSN2 = "PARASD.TEMP1"                                                   00021100
"ALLOC FI(ISFIN) DA('"DSN1"') SHR REUSE"                                00021200
"EXECIO * DISKR ISFIN (STEM INFILE. FINIS"                              00021300
DO  I = 1 TO INFILE.0                                                   00021400
    SAY INFILE.I                                                        00021501
    OUTFILE.I = INFILE.I                                                00021600
END                                                                     00021700
"ALLOC FI(ISFOUT) DA('"DSN2"') SHR REUSE"                               00022000
"EXECIO * DISKW ISFOUT (STEM OUTFILE. FINIS"                            00070001
RETURN                                                                  00080000
/* REXX */                                                              00010000
utltpds = 'PARASD.REXX.SRC' /* CHANGE TO THE CORRECT COMPILE PDS  */    00040000
templ   = 'TEMPL'           /* CHANGE TO THE CORRECT COMPILE MEMBER */  00050000
                                                                        00060000
ADDRESS ISPEXEC                                                         00070000
"LIBDEF ISPPLIB DATASET ID('"utltpds"')"                                00080000
"LIBDEF ISPSLIB DATASET ID('"utltpds"')"                                00090000
ADDRESS TSO                                                             00100000
"ALLOC FI(ISPFILE) DA('"utltpds"') SHR REUSE"                           00110000
                                                                        00120000
srcname ='ABCD'                                                         00130000
progname=pgmlib'('pgmname')'                                            00140000
ADDRESS ISPEXEC                                                         00150001
"FTOPEN TEMP"                                                           00160001
"FTINCL "templ                                                          00170000
"FTCLOSE"                                                               00180000
"VGET (ZTEMPF)"                                                         00190000
"CONTROL ERRORS RETURN"                                                 00210000
"BROWSE DATASET('"ztempf"') "                                           00220000
/* REXX */                                                              00010000
ADDRESS TSO                                                             00020000
PREFIX = SYSVAR("SYSPREF")                                              00030000
UTLTPDS = 'PARASD.ISP.SYSEXEC'                                          00040000
UID     =  USERID()                                                     00110000
ADDRESS ISPEXEC                                                         00120000
"LIBDEF ISPPLIB DATASET ID('"UTLTPDS"')"                                00130000
"LIBDEF ISPSLIB DATASET ID('"UTLTPDS"')"                                00140000
ADDRESS TSO                                                             00150000
"ALLOC FI(ISPFILE) DA('"UTLTPDS"') SHR REUSE"                           00160000
ADDRESS TSO                                                             00180000
  DO WHILE RC = 0                                                       00190000
      "ISPEXEC  DISPLAY PANEL(PANEL01)"                                 00200001
      IF RC = 8 THEN LEAVE                                              00210000
      IF SRCMEM = '' THEN                                               00211002
         LEAVE                                                          00212002
      ELSE                                                              00213002
         MSG = SRCMEM                                                   00214002
   END                                                                  00220000
EXIT                                                                    00230000
/*REXX*/                                                                00010000
trace i                                                                 00011001
address ispexec                                                         00020000
"libdef isptabl dataset id('PARASD.TABLES.SRC')"                        00030000
"tbcreate rexxerr keys(ecode) names(etext) write"                       00040000
trace off                                                               00041001
do i = 1 to 49                                                          00050000
ecode=i                                                                 00060000
```

```
etext= errortext(i)                                                     00070000
"tbadd rexxerr order"                                                   00080000
end                                                                     00090000
trace on                                                                00100001
/* "tbopen rexxerr nowrite"    */                                       00101001
say 'enter the error code (1-49) :'                                     00102000
pull ecode                                                              00103000
"tbscan rexxerr arglist(ecode)"                                         00104000
if rc = 0 then say 'The error mesg is ' etext                           00105000
else say 'row does not exist'                                           00106000
"tbclose rexxerr"                                                       00107000
say 'Error mesg using function-' errortext(ecode)                       00108000
exit                                                                    00110000
/* REXX                                                           */    00001000
/* This Macro will create the compile jcl, submit the jcl and           00001100
   will show the result of the compilation on the ISPF Screen.          00001200
                                                                        00001300
   Pre-Requisites : 2 EXEC SCOMP and SCOMP1 must be saved in a PDS.     00001400
                    This PDS must be allocated to ISPEXEC or SYSEXEC.   00001500
                    Skeleton of the Compile JCL must be saved in a PDS. 00001600
                    This skeleton must contain a variable &SRCNAME      00001700
                    to refer to the Source Program file.                00001800
                                                                        00001900
   Modifications  : Change UTLTPDS to the PDS where Compile JCL is saved00002000
                    Change TEMPL to the Compile JCL member name.        00002100
                                                                        00002200
   How to start   : Open the Source file in the ISPF Editor in Edit mode00002300
                    Type SCOMP on the Command bar.                      00002400
                    The compile JCL will be created, submitted and the  00002500
                    output listing will be shown on a separate screen.  00002600
                                                                    */  00002700
                                                                        00002800
'ISREDIT MACRO'                                                         00003000
'ISREDIT (pgmlib) = dataset'                                            00030000
'ISREDIT (pgmname) = member'                                            00040000
                                                                        00050000
 /* Tailor the JCL */                                                   00060000
                                                                        00060100
 utltpds = 'PARASD.REXX.SRC' /* CHANGE TO THE CORRECT COMPILE PDS  */   00061000
 templ   = 'TEMPL'           /* CHANGE TO THE CORRECT COMPILE MEMBER */ 00061101
                                                                        00062000
 ADDRESS ISPEXEC                                                        00070000
 "LIBDEF ISPPLIB DATASET ID('"utltpds"')"                               00080000
 "LIBDEF ISPSLIB DATASET ID('"utltpds"')"                               00090000
 ADDRESS TSO                                                            00100000
 "ALLOC FI(ISPFILE) DA('"utltpds"') SHR REUSE"                          00110000
                                                                        00110100
 srcname =pgmlib'('pgmname')'                                           00110203
 progname=pgmlib'('pgmname')'                                           00110303
 say srcname progname                                                   00110405
 exit                                                                   00110505
 ADDRESS ISPEXEC                                                        00111000
 "FTOPEN TEMP"                                                          00120000
 "FTINCL "templ                                                         00130001
 "FTCLOSE"                                                              00140000
 "VGET (ZTEMPF)"                                                        00150000
 ADDRESS ISPEXEC "CONTROL ERRORS RETURN"                                00200000
 TRACE "OFF"                                                            00201101
 CALL OUTTRAP "LINE."                                                   00210000
 arg = "SUB ('"ZTEMPF"')"                                               00220006
```

```
exit                                                                    00221005
                                                                        00230000
/* Submit the Compile Job */                                            00240000
                                                                        00250000
ADDRESS TSO arg                                                         00260000
CALL OUTTRAP "OFF"                                                      00270000
                                                                        00271000
IF LINE.0 > 0                                                           00280000
THEN DO                                                                 00290000
                                                                        00330000
   /* Get the JOB name and number */                                    00340000
                                                                        00350000
   line1 = LINE.1                                                       00360000
   posjob  = POS("(",line1)                                             00370000
   jobname = SUBSTR(line1,5,posjob-5)                                   00380000
   jobid   = SUBSTR(line1,posjob+1,8)                                   00390000
   SAY ' Job 'jobname jobid' is Submitted '                             00391004
                                                                        00400000
   /* Process SDSF   */                                                 00410000
                                                                        00420000
   ADDRESS TSO                                                          00430000
   maxrc = ""                                                           00440000
                                                                        00441000
   /* WRITE SDSF COMMANDS TO QUEUE */                                   00450000
   QUEUE "SET CONFIRM OFF"                                              00460000
   QUEUE "OWNER *"                                                      00470000
   QUEUE "PREFIX *"                                                     00480000
   QUEUE "H"                                                            00490000
   QUEUE "SELECT "jobname jobid                                         00500000
   QUEUE "AFD REFRESH"                                                  00510000
   QUEUE "FIND "jobname                                                 00520000
   QUEUE "END"                                                          00530000
   QUEUE ""                                                             00540000
                                                                        00550000
   /* ALLOCATE IN-/OUT-DATASET */                                       00560000
                                                                        00561000
   "ALLOC DD(ISFIN)  NEW REUSE UNIT(SYSDA)",                            00570000
          "RECFM(F,B) LRECL(80) BLKSIZE(27920) SPACE(1) TRACKS"         00580000
   "ALLOC DD(ISFOUT) NEW REUSE UNIT(SYSDA)",                            00590000
          "RECFM(F,B,A) LRECL(301) BLKSIZE(27993) SPACE(1) CYL"         00600000
   "EXECIO * DISKW ISFIN (FINIS"                                        00620000
                                                                        00630000
   DO WHILE maxrc = ""                                                  00640000
                                                                        00641000
     /* Call SDSF */                                                    00650000
     PARM = "/ ++20,400"                                                00660000
     ADDRESS LINKPGM "SDSF PARM"                                        00670000
                                                                        00680000
     /* READ ISFOUT IN OUT. */                                          00690000
     "EXECIO * DISKR ISFOUT (STEM OUT. FINIS"                           00700000
     DO i=1 TO OUT.0 BY 1                                               00710000
       IF(POS(jobname,OUT.I) <> 0 & POS(jobid,OUT.I) <> 0)              00720000
       THEN DO                                                          00730000
         maxrc = SUBSTR(OUT.I,276)                                      00740000
         LEAVE                                                          00750000
       END                                                              00760000
     END                                                                00770000
   END                                                                  00780000
                                                                        00790000
   "FREE DD(ISFIN,ISFOUT)"                                              00800000
```

```
                                                                        00810000
    /* Save Output to a File */                                         00820000
                                                                        00830000
    ADDRESS TSO                                                         00840000
    "OUTPUT "JOBNAME"("JOBID")  PRINT("SDFOUT") KEEP HOLD"              00850000
                                                                        00860000
    ADDRESS ISPEXEC                                                     00861002
    "SELECT PGM(ISPSTRT) PARM("TSO SCOMP1")"                            00862002
                                                                        00862102
/*  "SELECT PGM(ISPSTRT)",                                              00862202
           "PARM(CMD(%B '"SDFOUT"')"       */                           00862302
                                                                        00862400
 END                                                                    00863000
 RETURN                                                                 00980001
UID = USERID()                                                          00001001
DSN = UID'.SDFOUT.OUTLIST'                                              00002001
ADDRESS ISPEXEC                                                         00030000
"CONTROL ERRORS RETURN"                                                 00040000
"BROWSE DATASET('"DSN"') "                                              00050000
//PARASDB JOB (,42RJ,PARASD),'ORDER REPORT',                            00000100
//            MSGCLASS=O,NOTIFY=PARASD                                  00000200
//REPORTS2 EXEC PGM=IKJEFT1B,
// PARM='PROG005'
//SYSTSPRT DD  SYSOUT=*
//SYSTSIN  DD  DUMMY
//SYSEXEC  DD  DSN=PARASD.ISP.SYSEXEC,DISP=SHR
//*
//* INPUTS
//*
//ISFIN    DD  DISP=SHR,DSN=PARASD.TEMP
//PARASDB JOB (,42RJ,PARASD),'ORDER REPORT',                            JOB04355
//            MSGCLASS=O,NOTIFY=PARASD
//SCAN   EXEC PGM=ISRLEMX,COND=(12,LE),
//   PARM=('COB,SCOMP,B,N, ,4, ,00,ENU,4,7',
//        '1,/,SYSDA')
//*
//* INSERT A STEPLIB DD HERE IF ISRLEMX IS NOT IN YOUR SYSTEM LIBRARY
//*
//ISRLCODE DD  DSN=PARASD.REXX.SRC,
//   DISP=SHR
//ISRLEXPD DD  UNIT=SYSDA,DISP=(NEW,PASS),SPACE=(CYL,(2,2)),
//             DSN=&&TEMP1
//ISRLMSG  DD  SYSOUT=(*)
//COBOL  EXEC  PGM=IGYCRCTL,REGION=640K,COND=(12,LE),
// PARM=(NOTERM,
// '')
//SYSPRINT DD  SYSOUT=(*)
//SYSIN    DD  DSN=&&TEMP1,DISP=(OLD,DELETE)
//SYSPUNCH DD  DUMMY
//SYSUT1   DD  UNIT=SYSDA,SPACE=(CYL,(2,2))
//SYSUT2   DD  UNIT=SYSDA,SPACE=(CYL,(2,2))
//SYSUT3   DD  UNIT=SYSDA,SPACE=(CYL,(2,2))
//SYSUT4   DD  UNIT=SYSDA,SPACE=(CYL,(2,2))
//SYSUT5   DD  UNIT=SYSDA,SPACE=(CYL,(2,2))
//SYSUT6   DD  UNIT=SYSDA,SPACE=(CYL,(2,2))
//SYSUT7   DD  UNIT=SYSDA,SPACE=(CYL,(2,2))
//SYSLIB   DD  DSN=SYS1.MACLIB,DISP=SHR
//         DD  DSN=PARASD.REXX.SRC,
//   DISP=SHR
//SYSLIN   DD  DSN=PARASD.REXX.OBJ(SCOMP),
//   DISP=OLD
//COMPILEA AAAAAAAAAAAAA
// NOTIFY=,
//PGMNAME=&SRCNAME
/*                                     REXX               */
/* THIS IS AN INTERACTIVE REXX EXEC THAT ASKS A USER HIS NAME*/
/* AND THEN REPLIES HIM WITH A MESSAGE.                             */
SAY 'HELLO ?WHAT IS YOUR USERNAME? '
PULL USERNAME
IF USERNAME = '' THEN              /* IF USER DIDN'T ENTER A NAME */
SAY 'PLEASE ENTER YOUR USERNAME    '
ELSE
SAY WELCOME  USERNAME
EXIT
/* REXX */
 SIGNAL ON ERROR
 CALL ALLOC
 SAY "THE RESULT IS RETURN CODE" RESULT;
 EXIT
ALLOC:
 "ALLOC DA('"PARASD.EXEC1.SRC"') LIKE('"PARASD.REXX.SRC"')"
 SAY 'DATASET ALLOCATED'
 RETURN 0;
 ERROR:
 SAY 'THE RETURN CODE FROM THE COMMAND ON LINE' SIGL 'IS' RC
 RETURN 'ABC';
//PARASDB JOB (,42RJ,PARASD),'ORDER REPORT',                            00000100
//            MSGCLASS=O,NOTIFY=PARASD                                  00000200
//*ABCD                                                                 00000200
//COMPPDS DD DSN=&PDSNAME(&MEMNAME),DISP=SHR                            00000200
//DELS1 EXEC PGM=IDCAMS
//SYSPRINT DD  SYSOUT=*
//SYSIN DD *
  DELETE 'PARASD.CPU.U1805264.BNCHMV51.CSV'
  SET MAXCC = 0
/*
//XBNCH    EXEC PGM=IKJEFT1B
//SYSTSPRT DD  SYSOUT=*
//SYSTSIN  DD  *
  XBNCHDAT D46RD.U1805264.BNCHMV51
//SYSEXEC  DD  DSN=PARASD.DESIGN.SRC,DISP=SHR
//CPUDATA  DD  DSN=PARASD.CPU.U1805264.BNCHMV51.CSV,
//  DISP=(,CATLG,DELETE),
//  RECFM=VB,LRECL=99,BLKSIZE=0,STORCLAS=STANDARD,
//  SPACE=(TRK,(10,5),RLSE)
/*********************************REXX**********************************
        * EXECUTE A TSO COMMAND AND BROWSE THE OUTPUT
***********************************************************************/
 TRACE "OFF"
 CALL ON ERROR
 ADDRESS ISPEXEC "CONTROL ERRORS RETURN"
 CALL OUTTRAP "LINE."
 ARG1 = "SUB ('PARASD.DESIGN.SRC(XXBNCH)')"

 /* SUBMIT THE COMPILE JOB */

 ADDRESS TSO ARG1
 CALL OUTTRAP "OFF"
 IF LINE.0 > 0
 THEN DO
```

```
    CMD_DD = "C"RANDOM()
    "ALLOCATE FILE("CMD_DD") REUSE UNIT(SYSDA) SPACE(1 1)
              CYLINDER DSORG(PS) RECFM(V B) LRECL(255)"

    /* GET THE JOB NUMBER */

    SAY LINE.0
    POSJOB = POS("(",LINE.1)
    JOBNMR = SUBSTR(LINE.1,5,POSJOB-5)
    SAY JOBNMR
    JOBID = SUBSTR(LINE.1,POSJOB+1,8)
    SAY JOBID

/*  "EXECIO" LINE.0 "DISKW" CMD_DD "(STEM LINE. FINIS)"

    ADDRESS ISPEXEC "LMINIT DATAID(DATAID) DDNAME("CMD_DD")"
    ADDRESS ISPEXEC "BROWSE DATAID("DATAID")"
    ADDRESS ISPEXEC "LMFREE DATAID("DATAID")"
    "FREE FILE("CMD_DD")"    */
    END
 EXIT
 ERROR:
 ZERRSM = "RETURN CODE" RC
 ZERRLM = "RETURN CODE FROM COMMAND IS" RC
 ZERRALRM = "YES"
 ZERRHM = "*"
 ADDRESS ISPEXEC "SETMSG MSG(ISRZ002)"
 RETURN
```