/* REXX */

/**********************************************************/
/* This REXX exec will extract the USER profile for the RACF  */
/* User ID that was specified as a parameter to the exec, and  */
/* print out the extracted data including the repeat fields and */
/* their assigned values.                                      */
/* This exec was the last exec executed in the demo.          */
/* Note that if a User ID was not specified with the invocation*/
/* it defaults to IBMUSER.                                    */
/**********************************************************/ 

ARG USERID

IF (USERID = ") THEN
  DO
    RACF.PROFILE = 'IBMUSER'
  END ELSE /* A USERID WAS NOT SUPPLIED */
  DO
    RACF.PROFILE = USERID
  END

MYRC = IRRXUTIL("EXTRACT","USER",RACF.PROFILE,"RACF","R_")

IF (WORD(MYRC,1) <> 0) THEN
  DO
    SAY "ERROR CALLING IRRXUTIL "||MYRC
  END ELSE /* IRRXUTIL = 0 */
  DO
    SAY RACF.R_PROFILE":"

    /* RUN THROUGH SEGMENTS */

    DO K = 1 TO RACF.0 /* RUN THROUGH SEGMENTS */
      SEGNAME = RACF.K
      SAY " "SEGNAME

      /* RUN THROUGH FIELDS */

      DO L = 1 TO RACF.SEGNAME.0 /* RUN THROUGH FIELDS */
        FIELDNAME = RACF.SEGNAME.L
        /* IF REPEAT HEADER, HANDLE THE REPEAT GROUP. */
        IF (RACF.SEGNAME.FIELDNAME.R_REPEATCOUNT > 0) THEN
          DO
            SAY " "FIELDNAME
DIMENSION = RACF.SEGNAME.FIELDNAME.R_SUBFIELD.0
REPEATS = RACF.SEGNAME.FIELDNAME.R_REPEATCOUNT

DO RPT = 1 TO REPEATS
   DO DIM = 1 TO DIMENSION
      SUBFIELD = RACF.SEGNAME.FIELDNAME.R_SUBFIELD.DIM
      SAY "   "SUBFIELD" : "||RACF.SEGNAME.SUBFIELD.RPT
   END /* DIM */
   SAY "   -"
END /* REPEATS */
END /* REPEAT HEADER */
ELSE
   IF (RACF.SEGNAME.FIELDNAME.R_REPEATING = "TRUE") THEN
      DO
         /* ALREADY COVERED WHEN THE REPEATHEADER WAS PROCESSED */
      END
   ELSE /* NOT REPEATING */
      DO
         /* DISPLAY VALUE FOR THIS FIELD */
         SAY "   "FIELDNAME": "RACF.SEGNAME.FIELDNAME.1
      END /* NOT REPEATING */
   END /* RUN THROUGH FIELDS */
END /* RUN THROUGH SEGMENTS */
END /* IRRXUTIL = 0 */
EXIT
EXIT