GOPIKA ANILRAJ

a. Create a patient pf with fields patient id, Patient name ,   attending doctors id ,patient entry date , patient notes suggesting patients illness/problems

id should be key.

**FOR PATIENT NOTES -- FIELD NAME PAILMENT

```
 SEU==> _____
 FMT PF .....A..........T.Name+++++RLen++TDpB......Functions+++++++++++++++++
        *************** Beginning of data ********************************
0001.00                                                  UNIQUE
0002.00              R PREC
0003.00                 PID              3  0
0004.00                 PNAME           10
0005.00                 DOCID            3  0
0006.00                 PENTRYDATE       L
0007.00                 PAILMENT        10
0008.00              K PID
        ***************** End of data ************************************
```

b. Create rpgle program to get patient id , name and ailment from screen and write into patient pf , patient entry date should always be current date.

```
                    PATIENT  DETAILS  ENTRY                 WING15
                                                            1/04/25


            PATIENT  ID  :   █____

        PATIENT  NAME  :     _____

            DOCTOR  ID  :     _____

            AILMENT  :       _____








                    F3=EXIT
```

```
              PATIENT  DETAILS  ENTRY                    WING15
                                                         1/04/25


             PATIENT ID :  102

             PATIENT NAME :  SAM

                DOCTOR ID :  2

                  AILMENT :  COLD█




                            F3=EXIT
```

```
              PATIENT  DETAILS  ENTRY                    WING15
                                                         1/04/25


             PATIENT ID :  █

             PATIENT NAME :  _____

                DOCTOR ID :  _____

                  AILMENT :  _____



                           Record Added
```

```
              PATIENT  DETAILS  ENTRY                    WING15
                                                         1/04/25


             PATIENT ID :  102

             PATIENT NAME :  GANESH

                DOCTOR ID :  2

                  AILMENT :  COLD█
```

```
                    PATIENT DETAILS ENTRY                      WING15
                                                              1/04/25


            PATIENT ID :   █____

            PATIENT NAME :    _____

            DOCTOR ID :    _____

            AILMENT :    _____




                         Duplicate record




                         F3=EXIT
```

```
Columns . . . :    6  80                                    Browse
SEU==> _____
FMT FX  FFilename++IPEASF.....L.....A.Device+.Keywords+++++++++++++++++++++++++++++
          *************** Beginning of data *********************************************
0001.00 FPATIENTPF UF A E          K DISK                                250103
0002.00 FPATIENTSCNCF    E              WORKSTN                           250103
0003.00  *                                                               241229
0004.00 C                DOW       *IN03 = '0'                           241230
0005.00 C                EXFMT     PENTRY                                250103
0005.01 C                EVAL      SMSG = ' '                            250103
0006.00 C                IF        *IN03 = '1'                           241230
0007.00 C                LEAVE                                           241230
0008.00 C                ENDIF                                           241230
0008.01  *                                                               250103
0008.02 C      SPID      CHAIN     PATIENTPF                             250103
0008.03 C                IF        %FOUND()                              250103
0008.04 C                EVAL      SMSG = 'Duplicate record'             250103
0008.05  *                                                               250103
0008.06 C                ELSE                                            250103
0009.00 C                EVAL      PID = SPID                            250103
0010.00 C                EVAL      PNAME = SPNAME                        250103
0011.00 C                EVAL      DOCID = SDOCID                        250104
0012.00 C                EVAL      PENTRYDATE = %DATE()                  250103
```

```
0012.01 C                EVAL      PAILMENT = SAILMENT                   250103
0013.00 C                WRITE     PREC                                  250103
0013.01 C                EVAL      SMSG = 'Record Added'                 250103
0013.02 C                ENDIF                                           250103
0014.00 C                ENDDO                                           241230
0015.00  *                                                               241229
0016.00 C                EVAL      *INLR = '1'                           241229
          *************** End of data ************************************************
```

```
                                          Display Report

Position to line  . . . . .        _____
Line    ....+....1....+....2....+....3....+....4....+..
     PID    PNAME       DOCID  PENTRYDATE  PAILMENT
000001 101  RAMU           1   2025-01-04  FEVER
000002 102  SAM            2   2025-01-04  COLD
000003 103  GOURI          3   2025-01-04  KNEE PAIN
000004 104  MARY           4   2025-01-04  EYE TREMOR
000005 105  RAGHU          5   2025-01-04  COLD
****** ********  End of report  ********
```

c. Create doctors pf with doctor id , doctor name ,specialty , doctors joining date as input.

```
SEU==>  _____
FMT PF .....A..........T.Name+++++RLen++TDpB......Functions+++++
       *************** Beginning of data ***********************
0001.00                                        UNIQUE
0002.00            R DREC
0003.00              DOCID           3  0
0004.00              DNAME          10
0004.01              SPLTY          10
0006.00              DOJ                L
0008.00            K DOCID
       **************** End of data ***********************
```

```
                                          Display Report

Position to line  . . . . .        _____
Line    ....+....1....+....2....+....3....+....4.
     DOCID  DNAME       SPLTY       DOJ
000001   1  SHYAM       PHYSICIAN   1999-01-01
000002   2  ANN         PHYSICIAN   2021-01-01
000003   3  HARSH       ORTHO       2020-01-01
000004   4  ALEX        ENT         2000-01-01
000005   5  RAVI        PHYSICIAN   2001-01-01
****** ********  End of report  ********
```

d. Create a join logical file on patient pf and doctors pf to display patient name , patient notes and attending doctors name.

```
Columns . . . :    1  80                                    Browse
SEU==>  _____
FMT LF .....A..........T.Name++++++.Len++TDpB......Functions+++++++++++++++++++++++++++
       *************** Beginning of data ******************************************
0001.00                 R JOINREC                  JFILE(PATIENTPF DOCTORPF)
0002.00                 J                           JOIN(PATIENTPF DOCTORPF)
0003.00                                             JFLD(DOCID DOCID)
0004.00                   PNAME
0005.00                   PAILMENT
0006.00                   DNAME                     COLHDG('ATTENDING_DOCTOR')
       ***************** End of data ******************************************
```

```
                                                    Display Report

Position to line   . . . . .   █____
Line    ....+....1....+....2....+....3....+....4
        PNAME           PAILMENT    ATTENDING_DOCTOR
000001 RAMU            FEVER         SHYAM
000002 SAM             COLD          ANN
000003 GOURI           KNEE PAIN     HARSH
000004 MARY            EYE TREMOR    ALEX
000005 RAGHU           COLD          RAVI
****** ********   End of report   ********
```