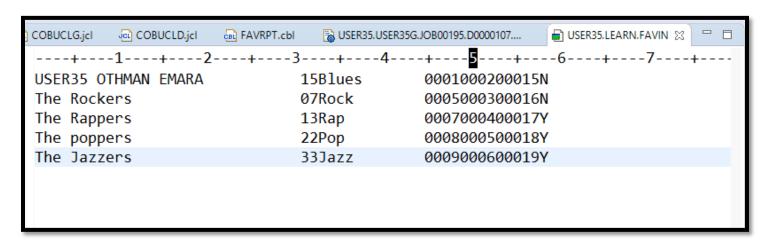


Answer:



```
COBUCLG.jcI 🙉 COBUCLD.jcI 🙉 FAVRPT.cbI
                               B USER35.USER35G.JOB00195.D0000107.... 

□ USER35.LEARN.FAVIN
 ----+----1-----6----+----7--|
                             Musical Bands Report -FAVRPT
USER35 OTHMAN EMARA
                             15Blues
                                           0001000200015N
The Rockers
                             07Rock
                                           0005000300016N
                                           0007000400017Y
The Rappers
                             13Rap
The poppers
                             22Pop
                                           0008000500018Y
The Jazzers
                             33Jazz
                                           0009000600019Y
```

```
IDENTIFICATION DIVISION.
PROGRAM-ID. FAVRPT.
***** This MODULE Workshop 5.3.1b - Create new COBOL program
       THAT USES A FILE READ
 ENVIRONMENT DIVISION.
 INPUT-OUTPUT SECTION.
 FILE-CONTROL.
     SELECT FAVIN1 ASSIGN TO FAVIN
                    FILE STATUS IS FAVIN-F-STATUS.
                   ASSIGN TO FAVRPT.
     SELECT OUT2
DATA DIVISION.
 FILE SECTION.
 FD FAVIN1
     RECORDING MODE IS F
     LABEL RECORDS ARE STANDARD
     RECORD CONTAINS 80 CHARACTERS
     BLOCK CONTAINS 0 RECORDS
     DATA RECORD IS FAVIN-REC.
 01 FAVIN-REC.
    05 ARTIST-NAME
                                   PIC X(30).
                                   PIC 9(02).
    05 NUMBER-OF-MUSICIAN
    05 MUSICAL-GENRE
                                   PIC X(12).
    05 COST.
       10 CD-COST
                                   PIC 9(3)V99.
       10 SHIPPING-COST
                                   PIC 9(2)V99.
       10 TAX
                                   PIC 9(2)V99.
    05 BAND-IS-STILL-TOGETHER
                                   PIC X(1).
```

```
FD OUT2
   RECORDING MODE IS F
   LABEL RECORDS ARE STANDARD
   RECORD CONTAINS 80 CHARACTERS
   BLOCK CONTAINS O RECORDS
   DATA RECORD IS FAVOUT-REC.
01 FAVOUT-REC.
  05 ARTIST-NAME-OUT
                              PIC X(30).
  05 NUMBER-OF-MUSICIAN-OUT PIC 9(02).
  05 MUSICAL-GENRE-OUT PIC X(12).
  05 COST-OUT.
     10 CD-COST-OUT PIC 9(3)V99.
10 SHIPPING-COST-OUT PIC 9(2)V99.
     10 TAX-OUT
                               PIC 9(2)V99.
  05 BAND-IS-STILL-TOGETHER-OUT PIC X(1).
  05 FILLER PIC X(20) VALUE SPACES.
WORKING-STORAGE SECTION.
01 HEADER-1.
     05 FILLER PIC X(30) VALUE SPACES.
    05 FILLER PIC X(30) VALUE 'Musical Bands Report -FAVRPT'.
    05 FILLER PIC X(20) VALUE SPACES.
01 DEBUG-1.
    05 FILLER PIC X(5) VALUE 'DEBUG' JUSTIFIED RIGHT.
    05 FILLER PIC X(13) VALUE ' file status:'.
    05 FAVIN-F-STATUS PIC X(2).
    05 FILLER PIC X(4) VALUE 'LR:'.
    05 LASTREC PIC X VALUE SPACES.
                                   VALUE ' '.
       88 STELL-THERE-REC
       88 NO-MORE-RECORDS
                                   VALUE 'Y'.
    05 DEBUG-MSG PIC X(30).
     COMPUTED-COST PIC 9(5).99.
77
PROCEDURE DIVISION.
   OPEN INPUT FAVIN1.
   OPEN OUTPUT OUT2.
   WRITE FAVOUT-REC FROM HEADER-1.
   MOVE SPACES TO FAVOUT-REC.
   WRITE FAVOUT-REC AFTER ADVANCING 1 LINES.
   Prime Read
   PERFORM READ-RECORD .
   PERFORM UNTIL LASTREC = 'Y' OR NO-MORE-RECORDS
        PERFORM PROCESS-RECORDS
        PERFORM WRITE-RECORD
        PERFORM READ-RECORD
```

```
END-PERFORM
    PERFORM CLOSE-FILES
    STOP RUN.
READ-RECORD.
    READ FAVIN1
         AT END MOVE 'Y' TO LASTREC
         AT END PERFORM END-OF-FILE
         NOT AT END PERFORM PROCESS-RECORDS
    END-READ.
PROCESS-RECORDS .
    MOVE ' PROCESS-RECORDS . ' TO DEBUG-MSG .
    WRITE FAVOUT-REC FROM DEBUG-1.
    COMPUTE COMPUTED-COST = (CD-COST + SHIPPING-COST + TAX).
WRITE-RECORD .
    MOVE ' WRITE-RECORD . ' TO DEBUG-MSG .
    WRITE FAVOUT-REC FROM DEBUG-1.
    MOVE FAVIN-REC TO FAVOUT-REC.
    WRITE FAVOUT-REC .
CLOSE-FILES.
    MOVE ' CLOSE-FILES ' TO DEBUG-MSG .
    WRITE FAVOUT-REC FROM DEBUG-1.
    CLOSE FAVIN1.
    CLOSE OUT2.
END-OF-FILE.
    MOVE 'Y' TO LASTREC .
    MOVE ' END-OF-FILE ' TO DEBUG-MSG .
    WRITE FAVOUT-REC FROM DEBUG-1.
```