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ID DIVISION.
PROGRAM-ID. Sample-Program-5.
AUTHOR. Husain Gholoom.
ENVIRONMENT DIVISION.
INPUT-OUTPUT SECTION.
    FILE-CONTROL.
        SELECT Employee-File ASSIGN TO
            'c:\HusainGholoom\PG1.TXT'
            ORGANIZATION IS LINE SEQUENTIAL
            ACCESS MODE IS SEQUENTIAL.

        SELECT Out-File ASSIGN TO
            'c:\HusainGholoom\PG1Out.TXT'
            ORGANIZATION IS LINE SEQUENTIAL
            ACCESS MODE IS SEQUENTIAL.
DATA DIVISION.
FILE SECTION.
FD Employee-File.
    01 Employee-Record.
        03 Employee-Name-IN PIC X(19).
        03 Hours-Worked-IN PIC 99.
        03 Rate-IN PIC 99v99.
        03 Absent-Days Pic 99.

FD Out-File.
    01 Employee-Rec-Out PIC X(120).

WORKING-STORAGE SECTION.

    01 EOFILE-SWITCH PIC XXX VALUE 'NO'.
    01 WS-TOTAL PIC 9(5)V99 VALUE ZEROS.
    01 WS-FINAL-TOTAL PIC 9(6)V99 VALUE ZEROS.

    01 WS-DATE.
        05 WS-YY PIC 9999.
        05 WS-MM PIC 99.
        05 WS-DD PIC 99.

    01 WS-PAGECOUNTER PIC 99 VALUE 0.
    01 WS-LINECOUNTER PIC 99 VALUE 0.

    01 Header1.
        05 PIC X(15) VALUE ' PAGE NO : '.
        05 HD1-PAGECOUNTER PIC Z9.
        05 PIC X(25) VALUE SPACES.
        05 PIC X(20) VALUE 'Vodaphone Company'.
        05 PIC X(5) VALUE SPACES.
        05 HD1-DD PIC 99.
        05 PIC X VALUE '/'.
        05 HD1-MM PIC 99.
        05 PIC X VALUE '/'.
        05 HD1-YY PIC 9999.

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01 Header2.
  05 PIC X(5) VALUE SPACES.
  05 PIC X(15) VALUE 'Employee Name'.
  05 PIC X(5) VALUE SPACES.
  05 PIC X(15) VALUE 'Hours Worked'.
  05 PIC X(3) VALUE SPACES.
  05 PIC X(8) VALUE 'Rate'.
  05 PIC X(5) VALUE SPACES.
  05 PIC X(12) VALUE 'Amount Paid'.
  05 PIC X(2) VALUE SPACES.
  05 PIC X(11) VALUE 'Absent Days'.
  05 PIC X(5) VALUE SPACES.
  05 PIC X(10) VALUE 'COMMENTS'.

01 FOOTER1.
  05 PIC X(15) VALUE SPACES.
  05 PIC X(20) VALUE 'TOTAL AMOUNT PAID'.
  05 PIC X(10) VALUE SPACES.
  05 FOOTER1-TOTAL PIC $(7).99.

01 Detail-Line.
  05 PIC X(5) VALUE SPACES.
  05 Employee-Name-Out PIC X(19).
  05 PIC X(5) VALUE SPACES.
  05 Hours-Worked-Out PIC 9(2).
  05 PIC X(10) VALUE SPACES.
  05 Rate-Out PIC 99.99.
  05 PIC X(10) VALUE SPACES.
  05 Amount-Paid-Out PIC Z(5).99.
  05 PIC X(10) Value SPACES.
  05 NODAsent-Out PIC Z9.
  05 PIC X(10) VALUE SPACES.
  05 COMMENTS-Out PIC x(20).

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PROCEDURE DIVISION.

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100-MAIN-ROUTINE.
  PERFORM 200-OPEN-ROUTINE.
  PERFORM 300-HEADER-ROUTINE.
  PERFORM UNTIL EOFILE-SWITCH = 'YES'
    READ Employee-File
    AT END
      MOVE 'YES' TO EOFILE-SWITCH
    NOT AT END
      PERFORM 400-CALCULATION-ROUTINE
  END-READ
END-PERFORM.

PERFORM 500-TERMINATE-ROUTINE.
STOP RUN.

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200-OPEN-ROUTINE.

OPEN INPUT Employee-File  
OUTPUT Out-File.

300-HEADER-ROUTINE.

move function CURRENT-DATE to ws-date.  
display function current-date.  
MOVE WS-DD TO HD1-DD.  
MOVE WS-MM TO HD1-MM.  
MOVE WS-YY TO HD1-YY.

**ADD 1 TO WS-PAGECOUNTER.**

**MOVE WS-PAGECOUNTER TO HD1-PAGECOUNTER.**

WRITE EMPLOYEE-REC-OUT FROM Header1 AFTER PAGE.  
WRITE EMPLOYEE-REC-OUT FROM Header2 AFTER 2.

400-CALCULATION-ROUTINE.

MOVE Employee-Name-IN TO Employee-Name-Out .  
MOVE Hours-Worked-IN TO Hours-Worked-Out .  
Move Rate-IN TO Rate-Out .  
COMPUTE WS-Total rounded = Hours-Worked-IN \* Rate-In .  
ADD WS-TOTAL TO WS-FINAL-TOTAL.  
Move WS-Total TO Amount-Paid-Out.  
Move Absent-Days To NODAsent-Out

**IF Absent-Days = 0 THEN**

**MOVE 'NEED BONUS' TO COMMENTS-OUT**  
**else IF Absent-Days > 3 and < 6 Then**  
**MOVE 'Give 1st warning' TO COMMENTS-OUT**  
**else IF Absent-Days >= 6 and < 9 Then**  
**MOVE 'Give 2nd warning' TO COMMENTS-OUT**  
**else IF Absent-Days >= 9 and <= 12 Then**  
**MOVE 'Give 3rd warning' TO COMMENTS-OUT**  
**else IF Absent-Days > 12 and <= 15 Then**  
**MOVE 'Give last warning' TO COMMENTS-OUT**  
**else IF Absent-Days > 15 Then**  
**MOVE 'Fire Him from work ' TO COMMENTS-OUT.**

**IF WS-LINECOUNTER > 2**

**PERFORM 300-HEADER-ROUTINE**

**MOVE 0 TO WS-LINECOUNTER.**

WRITE EMPLOYEE-REC-OUT FROM DETAIL-LINE AFTER 2.

**ADD 1 TO WS-LINECOUNTER.**

500-TERMINATE-ROUTINE.

Move WS-FINAL-TOTAL TO FOOTER1-TOTAL.

WRITE EMPLOYEE-REC-OUT FROM FOOTER1 AFTER 5.

CLOSE Employee-File Out-File.