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ID DIVISION.
PROGRAM-ID. Sample-Program-3.
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.

FD Out-File.
    01 Employee-Rec-Out PIC X(80).

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(7)V99 VALUE ZEROS.

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

    01 Header1.
        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 99.

    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.

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05 PIC X(8) VALUE 'Rate'.
05 PIC X(5) VALUE SPACES.
05 PIC X(12) VALUE 'Amount Paid'.

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**01 FOOTER1.**

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05 PIC X(15) VALUE SPACES.
05 PIC X(20) VALUE 'TOTAL AMOUNT PAID'.
05 PIC X(10) VALUE SPACES.
05 FOOTER1-TOTAL PIC 9(7).99.

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## 01 Detail-Line.

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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 9(5).99.

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## PROCEDURE DIVISION.

## 100-MAIN-ROUTINE.

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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.

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**PERFORM 500-TERMINATE-ROUTINE.**

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STOP RUN.

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## 200-OPEN-ROUTINE.

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OPEN INPUT Employee-File
OUTPUT Out-File.

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## 300-HEADER-ROUTINE.

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ACCEPT WS-DATE FROM DATE.
MOVE WS-DD TO HD1-DD.
MOVE WS-MM TO HD1-MM.
MOVE WS-YY TO HD1-YY.

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

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400-CALCULATION-ROUTINE.

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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 = Hours-Worked-IN * Rate-In .
ADD WS-TOTAL      TO WS-FINAL-TOTAL.
Move WS-Total     TO Amount-Paid-Out.
    
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WRITE EMPLOYEE-REC-OUT FROM DETAIL-LINE AFTER 2.

**500-TERMINATE-ROUTINE.**

**Move WS-FINAL-TOTAL TO FOOTER1-TOTAL.**

**WRITE EMPLOYEE-REC-OUT FROM FOOTER1 AFTER 5.**

**CLOSE Employee-File Out-File.**

Vodaphone Company		09/07/07	
Employee Name	Hours Worked	Rate	Amount Paid
HUSAIN GHOLOOM	10	50.00	00500.00
JASEM AL-OSTATH	20	20.00	00400.00
TOTAL AMOUNT PAID			0000900.00