

Uy, Lord Allain B. & Velano, John Kenneth M.

SOURCE CODE

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IDENTIFICATION DIVISION.
PROGRAM-ID. WORKERS.
AUTHOR. LORD ALLAIN UY & JOHN KENNETH VELANO.
INSTALLATION. CAVITE.
DATE-WRITTEN. JUNE 29,2024
DATE-COMPILED. JUNE 29,2024
SECURITY. ACCESSIBLE TO ALL.

ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
SOURCE-COMPUTER. ASUS-VIVOBOK.
OBJECT-COMPUTER. ASUS-VIVOBOK.
INPUT-OUTPUT SECTION.
FILE-CONTROL.
    SELECT INFILE ASSIGN TO "C:\COBOL\INFILE.TXT".
    SELECT OUTFILE ASSIGN TO "C:\COBOL\OUTFILE.TXT".
DATA DIVISION.
FILE SECTION.
FD INFILE
    LABEL RECORDS ARE STANDARD
    RECORD CONTAINS 34 CHARACTERS
    DATA RECORD IS REC-IN.

01 REC-IN.
    05 PROVCD-IN PIC A.
    05 WNO-IN PIC X(7).
    05 WNAME-IN PIC X(25).
    05 STATCD-IN PIC A.

FD OUTFILE
    LABEL RECORDS ARE OMITTED
    RECORD CONTAINS 80 CHARACTERS.

01 OUTREC.
    05 FILLER PIC X(80).

WORKING-STORAGE SECTION.
01 REC-OUT.
    05 FILLER PIC X(14) VALUE SPACES.
    05 WNO-OUT PIC X(7).
    05 FILLER PIC X(16) VALUE SPACES.
    05 WNAME-OUT PIC X(25).
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05 FILLER PIC X(16) VALUE SPACES.
05 STATCD-OUT PIC X.

01 PROVNAME.
05 FILLER PIC X(14) VALUE SPACES.
05 FILLER PIC X(17) VALUE "PROVINCIAL NAME: ".
05 PNAME PIC X(8) VALUE "ANTIPOLO".

*   TOTAL NUMBER OF WORKERS (PER PROV)
01 TOTWORK.
05 FILLER PIC X(14) VALUE SPACES.
05 FILLER PIC X(22) VALUE "TOTAL NO. OF WORKERS: ".
05 WCTR-OUT PIC Z,ZZ9.
05 FILLER PIC X(48) VALUE SPACES.

*   TOTAL NO. OF CHIKA WORKERS (ALL WORKERS PALA TO)
01 TOTCH.
05 FILLER PIC X(14) VALUE SPACES.
05 FILLER PIC X(28) VALUE "TOTAL NO. OF CHIKA WORKERS: ".
05 CCTR-OUT PIC Z,ZZ9.
05 FILLER PIC X(48) VALUE SPACES.

01 TOTPERM.
05 FILLER PIC X(14) VALUE SPACES.
05 FILLER PIC X(24) VALUE "TOTAL NO. OF PERMANENT: ".
05 PCTR-OUT PIC Z,ZZ9.
05 FILLER PIC X(30) VALUE SPACES.

01 TOTTEMP.
05 FILLER PIC X(14) VALUE SPACES.
05 FILLER PIC X(24) VALUE "TOTAL NO. OF TEMPORARY: ".
05 TCTR-OUT PIC Z,ZZ9.
05 FILLER PIC X(30) VALUE SPACES.

01 TEMP-VARS.
05 TPC PIC A.
05 EOFSW PIC X(3) VALUE "NO_".
05 WCTR PIC 9(3) VALUE 0.
05 CCTR PIC 9(3) VALUE 0.
05 PCTR PIC 9(3) VALUE 0.
05 TCTR PIC 9(3) VALUE 0.

01 HD1.
05 FILLER PIC X(29) VALUE SPACES.
05 FILLER PIC X(22) VALUE "CHIKA ULIT CORPORATION".

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05 FILLER PIC X(29) VALUE SPACES.

01 HD2.
05 FILLER PIC X(33) VALUE SPACES.
05 FILLER PIC X(14) VALUE "Kalokohan City".
05 FILLER PIC X(33) VALUE SPACES.

01 HD3.
05 FILLER PIC X(32) VALUE SPACES.
05 FILLER PIC X(16) VALUE "WORKER'S REPORT".
05 FILLER PIC X(32) VALUE SPACES.

01 HD4.
05 FILLER PIC X(10) VALUE SPACES.
05 FILLER PIC X(15) VALUE "WORKER'S NUMBER".
05 FILLER PIC X(10) VALUE SPACES.
05 FILLER PIC X(13) VALUE "WORKER'S NAME".
05 FILLER PIC X(10) VALUE SPACES.
05 FILLER PIC X(11) VALUE "STATUS NAME".
05 FILLER PIC X(11) VALUE SPACES.

01 NEWLINE.
05 FILLER PIC X(80) VALUE SPACES.

PROCEDURE DIVISION.

MAIN-RTN.
    PERFORM INITIAL-RTN THRU INITIAL-END.
    PERFORM PROCESS-RTN THRU PROCESS-END UNTIL EOFSW = 'YES'.
    PERFORM FINISH-RTN THRU FINISH-END.
    STOP RUN.

INITIAL-RTN.
    OPEN INPUT INFILE OUTPUT OUTFILE.

    WRITE OUTREC FROM HD1.
    WRITE OUTREC FROM HD2.
    WRITE OUTREC FROM NEWLINE.
    WRITE OUTREC FROM HD3.
    WRITE OUTREC FROM NEWLINE.
    WRITE OUTREC FROM HD4.
    WRITE OUTREC FROM NEWLINE.

    READ INFILE
        AT END MOVE "YES" TO EOFSW
        NOT AT END MOVE PROVCD-IN TO TPC.

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INITIAL-END.

AC-BREAK-RTN.

MOVE WCTR TO WCTR-OUT.

MOVE CCTR TO CCTR-OUT.

MOVE PCTR TO PCTR-OUT.

MOVE TCTR TO TCTR-OUT.

WRITE OUTREC FROM NEWLINE.

WRITE OUTREC FROM PROVNAME.

WRITE OUTREC FROM TOTWORK.

WRITE OUTREC FROM NEWLINE.

MOVE 0 TO WCTR.

AC-BREAK-END.

PROCESS-RTN.

IF PROVCD-IN NOT EQUAL TO TPC

PERFORM AC-BREAK-RTN THRU AC-BREAK-END.

* MOVE PROVCD-IN TO PROVCD-OUT.

MOVE WNO-IN TO WNO-OUT.

MOVE WNAME-IN TO WNAME-OUT.

MOVE STATCD-IN TO STATCD-OUT.

MOVE "ANTIPOLO" TO PNAME.

IF PROVCD-IN EQUAL TO "B"

MOVE "BACOLOD " TO PNAME.

IF PROVCD-IN EQUAL TO "C"

MOVE "CEBU " TO PNAME.

WRITE OUTREC FROM REC-OUT.

ADD 1 TO WCTR.

ADD 1 TO CCTR.

IF STATCD-IN EQUAL TO "P"

ADD 1 TO PCTR.

IF STATCD-IN EQUAL TO "T"

ADD 1 TO TCTR.

READ INFILE AT END

MOVE "YES" TO EOFSW

FLOWCHART



