IDENTIFICATION DIVISION.

PROGRAM-ID. COBOL ADVANCED #3.

DATA DIVISION.

WORKING-STORAGE SECTION.

01 NUMBER\_ONE PIC 9(20).

01 NUMBER\_TWO PIC 9(20).

01 OUT-HOLD.

10 FILLER PIC X(18) VALUE

‘THE NEW VALUE IS: ‘.

10 VALUE PIC ZZZ,ZZZ,ZZ9.

01 CURR-DATE.

10 WS-Year PIC 9(4).

10 WS-Month PIC 99.

10 WS-Day PIC 99.

01 TALLY-COUNT PIC 9(5).

01 TALLY-PRINT.

10 FILLER PIC X() VALUE

‘YOU PERFORMED THE ADDITION ROUTINE ‘.

10 T-COUNT PIC Z9.

10 FILLER PIC X() VALUE ‘TIMES.’

01 PRINT-FORMAT.

10 FILLER PIC X(15) VALUE

‘TODAY’S DATE IS;’.

10 P-MONTH PIC 99.

10 FILLER PIC X(1) VALUE ‘/’.

10 P-DAY PIC 99.

10 FILLER PIC X(1) VALUE ‘/’.

10 P-YEAR PIC 99.

10 FILLER PIC X(57).

01 END-MESSAGE

10 FILLER PIC X() VALUE

‘NOTICE ALL STEPS ARE SPLIT INTO THEIR OWN SUBROUTINES.’.

10 FILLER PIC X() VALUE

‘THIS IS INDUSTRY STANDARD PRACTICE/BEST PRACTICE.’.

PROCEDURE DIVISION.

010-PROGRAM-START.

PERFORM 050-GET-DATE

PERFORM 300-PRINT-DATE

PERFORM 100-PROGRAM-LOGIC

PERFORM 500-PRINT-TALLY

PERFORM 999-PROGRAM-CLOSE

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050-GET-DATE.

ACCEPT CURR-DATE FROM DATE

MOVE WS-YEAR TO P-YEAR

MOVE WS-MONTH TO P-MONTH

MOVE WS-DAY TO P-DAY

.

100-PROGRAM-LOGIC.

MOVE 99 TO NUMBER\_ONE

MOVE 100 TO NUMBER\_TWO

PERFORM 200-ADDER 5 TIMES TALLYING TALLY-COUNT BY 1

.

200-ADDER.

ADD NUMBER\_ONE TO NUMBER\_TWO GIVING NUMBER\_ONE

MOVE NUMBER\_ONE TO VALUE

WRITE OUT-HOLD

.

300-PRINT-DATE.

WRITE PRINT-FORMAT

.

500-PRINT-TALLY.

MOVE TALLY-COUNT TO T-COUNT

WRITE TALLY-PRINT AFTER ADVANCING SPACES

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999-PROGRAM-CLOSE

WRITE END-MESSAGE AFTER ADVANCING SPACES

GO BACK

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