```
IDENTIFICATION DIVISION.
PROGRAM-ID. IF-ELSE.
DATA DIVISION.
WORKING-STORAGE SECTION.
01  NUM1  PIC 9(2).
01  REMAIN PIC 9(2).
PROCEDURE DIVISION.
EXECUTE.
    DISPLAY "Enter number for check odd/even"
    ACCEPT NUM1

*   THIS IS HOW TO MOD
    DIVIDE NUM1 BY 2 GIVING NUM1 REMAINDER REMAIN

    IF REMAIN EQUAL 0 THEN
       DISPLAY NUM1 " IS EVEN"
    ELSE
       DISPLAY NUM1 " IS ODD"
    END-IF
    .
END PROGRAM IF-ELSE.
```

IF-ELSE

```
IDENTIFICATION DIVISION.
PROGRAM-ID. MOVE-DATA.
DATA DIVISION.
WORKING-STORAGE SECTION.
01  NUM1  PIC 9(3).
01  NUM2  PIC 9(5) VALUE 12345.
01  NUM3  PIC 9(5).
01  STR1  PIC X(3).
01  STR2  PIC X(5).
01  FLOAT-NUM1  PIC   9(3)V9(3).
01  FLOAT-NUM2  PIC   9(2)V9(5).
01  SIGN-NUM1   PIC   S9(2).
PROCEDURE DIVISION.
EXECUTE.
    MOVE 126 TO NUM1
    MOVE NUM2 TO NUM3
    MOVE "COBOL" TO STR2
    MOVE STR2 TO STR1
    MOVE 333.333 TO FLOAT-NUM1
    MOVE 22.22222 TO FLOAT-NUM2
    MOVE +50 TO SIGN-NUM1
    DISPLAY "NUM1: " NUM1
    DISPLAY "NUM2: " NUM2
    DISPLAY "NUM3: " NUM3
    DISPLAY "STR1: " STR1
    DISPLAY "STR2: " STR2
    DISPLAY "FLOAT-NUM1: " FLOAT-NUM1
    DISPLAY "FLOAT-NUM2: " FLOAT-NUM2
    DISPLAY "SIGN-NUM1: " SIGN-NUM1
    .
END PROGRAM MOVE-DATA.
```

MOVE

```
01  FULLNAME    PIC  X(50) VALUE "JAKKRIT CHAOPRON".
01  PHONE       PIC  X(10) VALUE "0952829476".
01  STUDENTID   PIC  9(8)  VALUE 62160246.
01  GRADE       PIC  V99   VALUE 3.5.
01  FLOATWITHSIGN PIC S9(3)V9(3) VALUE -123.123.
01  FLOATWITHPLUSSIGN PIC S9V9   VALUE +1.0.
01  ALPHABETS       PIC AAA VALUE "ABC".
01  PRACTICESIGN    PIC S9(2) VALUE +10.
01  ZERO-PRAC       PIC X(10)   VALUE ZERO.
01  ZEROS-PRAC      PIC X(10)   VALUE ZEROS.
```

DATA

PERFORM

```
PERFORM UNTIL test-condition
{STATEMENT/S}
END-PERFORM.
```

Example:

```
PERFORM UNTIL A > 100
ADD 1 TO A
END-PERFORM.
```

```
PERFORM WITH TEST BEFORE/AFTER UNTIL test-condition
{STATEMENT/S}
END-PERFORM.
```

Examples:

```
1. PERFORM WITH TEST BEFORE UNTIL A > 100
       ADD 1 TO A
   END-PERFORM.

2. PERFORM WITH TEST AFTER UNTIL A > 100
       SUBTRACT 1 TO A
   END-PERFORM.
```