

Even no.

Write a Algorithm to check the given number is odd or even .

mod() or % operator : It is used to find the remainder .
mod() means modulus
mod()

1.START
2.INPUT/READ N
3.Y=N%2
4.IF Y=0 THEN
 WRITE "GIVEN NUMBER IS EVEN NUMBER"
ELSE :
 WRITE "GIVEN NUMBER IS ODD NUMBER"
[END OF IF STATEMENT]
5.STOP

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Feedback

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WRITE A ALGORITHM TO FIND THE GREATEST OF 2 NOS.

1. START
2. INPUT/READ A,B
3. IF A>B THEN
 WRITE "FIRST NUMBER IS GREATEST"
ELSE IF A=B :
 WRITE " FIRST AND SECOND NUMBER BOTH ARE SAME"
ELSE:
 WRITE "SECOND NUMBER IS GREATEST"
(END OF IF STATEMENT)
(END OF IF STATEMENT)
4.STOP

MULTIPLE CONDITION MEANS MORE THAN ONE CONDITION. ATLEAST TWO CONDITIONS MUST BE EXIST .
MULTIPLE IF ELSE STATEMENT OR LADDER IF ELSE STATEMENT MEANS MORE THAN ONE IF ELSE .

WRITE A ALGORITHM TO FIND THE GREATEST OF 3 NOS .

A B C OUTPUT

A>B and A>C output
T T A is greatest
T F A is not greatest
F T A is not greatest
F F A is not greatest

B>A and B>C B
T T B
F F B

C>A and C>B C
T T C
F F C
otherwise
all same

```
START
READ INPUT A B
IF (A>B) THEN
    WRITE A IS GREATEST
ELSE:
    WRITE B IS GREATEST
STOP
```

```
START
READ INPUT A B C
IF (A>B & A>C)
    WRITE("A IS GREATEST")
ELSE IF (B>A & B>C)
    WRITE ("B IS GREATEST")
ELSE:
    WRITE ("C IS GREATEST")
[END OF IF ELSE STATEMENT]
STOP
```

WAP to store rollno, name and marks of phy, chemistry and maths and findout the total, percent and grade .

```
if percent >= 80 then
    grade = A
else if percent < 80 and percent >= 70 then
    grade = B
else
    grade = C
```

wap to check the given year is leap year or not .