

Python

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- ① If
- ② Nested if (~~Factor~~)
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operators

Write a program Print Even or odd Num.
using if else.

Program :-

~~int a~~

input ("Enter the N.")

if ($a \% 2 == 0$)

Print ("N. is Even")

Else

Print ("N. is in correct")

Logical operator

- ① $\&$ and \rightarrow Does not have choice Both Condition is true
- ② \parallel or \rightarrow It has choice

Identity operator

- ① x is $y \rightarrow x$ value is same as y .
- ② x is not $y \rightarrow$ having diff. value -

① write a program that the Number is greater than other No.

```
int n, y;  
  
if (n > y)  
    print n is greater than y  
  
else  
    print y is greater than n
```


Python

Bitwise operator

- ① AND
- ② OR
- ③ XOR
- ④ NOT
- ⑤ LEFT SHIFT ~~RIGHT~~
- ⑥ RIGHT SHIFT

n

OR

f

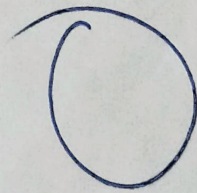
BOTH

>>

<<

Loops

- ① Do
- ② Do while
- ③ for loop



5. It does not process or store data

ALU

this Unit consist of 2 ~~sets~~

① Arithmetic Section

② Logic Section

Arithmetic section

function of Arithmetic section is to perform Arithmetic Section like Addition, Subtraction.

Logic Section :-

used to perform logical section such as
Comparing, selecting or merging of data

①

If

Ex.

a = 4

If (a < 5)

{

Print (a)

}

Answer : 4

← True

② If Else Ex.

(a = 7), x = 4

If (a == 4)

{

~~Print~~ Print (a)

}

Else

Print (x)

Ques- write a program in python to find greater numbers b/w two numbers by taking user's input

Program :-

```
a = input("Enter the value")  
b = input("Enter the value")
```

```
if (a > b)
```

```
{  
    print("The value a is Greater than b")  
}
```

```
{
```

```
else
```

```
    print("The value b is than a")  
}
```

```
{
```

Ques write a program in python to
Print the greatest Number among
3 numbers by taking User's input

a = int input ("Enter the Value")

b = int input ("Enter the Value")

c = int input ("Enter the Value")

If ~~(a < b)~~ (a > b ^{or} a > c)

~~(a > b & a > c)~~

3 Print ("a is greater than b & c")

If (b > a) ^{or} ~~and~~ (b > c)

Print ("b is greater

If (c > a) ^{or} ~~and~~ (c > b)

Print ("c is greater than a & b")

else

Print ("All Number are Equal")

~~AND~~

~~AND~~ - Condition in ~~which~~ both Condition is correct

~~OR~~ - only one Condition is true