

Full stack web development using python

Assignment-12



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①



```
x = int(input("Enter a number"))

if x > 0:
    print("Positive")
else:
    print("Non- Positive")
```

②

5 10 15 20 25.....

`x = int(input("Enter a number"))`

`if x%5 == 0:`

`print("Divisible by 5")`

`else:` `print("Not divisible by 5")`

`print("Divisible by 5" if x%5==0 else "Not divisible by 5")`

③

Even 2 4 6 8 10 12 ...
Odd 1 3 5 7 9 ...

`x = int(input("Enter a number"))`

`if x % 2 == 0:`
 `print("Even")`

`else:`
 `print("Odd")`

`print("Even" if x % 2 == 0 else "Odd")`

Q

$$a = 5$$

$$b = 7$$

$$7$$

$$a = 4$$

$$b = 2$$

$$4$$

$$a = 7$$

$$b = 7$$

$$7$$

```
a = int ( input ("Enter first number"))  
b = int (input("Enter second number"))
```

if $a > b$:

 print(a)

else:

 print (b)

5

w1 = "Bhopal"

w2 = "Patna"

Bhopal

Patna

w1 = "Pune"

w2 = "mumbai"

Mumbai

Pune

```
w1 = input("Enter first word")
w2 = input ("Enter second word")
if w1 < w2:
    print(w1, w2, sep='\n')
else:
    print(w2, w1, sep='\n')
```