

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")

④

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')
```