



## Return Statement:

Function can take input values as parameters and executes business logic, and returns output to the caller with return statement.

### Q. Write a function to accept 2 numbers as input and return sum.

```
1. def add(x,y):
2.     return x+y
3. result=add(10,20)
4. print("The sum is",result)
5. print("The sum is",add(100,200))
6.
7.
8. D:\Python_classes>py test.py
9. The sum is 30
10. The sum is 300
```

If we are not writing return statement then default return value is None

Eg:

```
1. def f1():
2.     print("Hello")
3. f1()
4. print(f1())
5.
6. Output
7. Hello
8. Hello
9. None
```

### Q. Write a function to check whether the given number is even or odd?

```
1. def even_odd(num):
2.     if num%2==0:
3.         print(num,"is Even Number")
4.     else:
5.         print(num,"is Odd Number")
6. even_odd(10)
7. even_odd(15)
8.
9. Output
10. D:\Python_classes>py test.py
11. 10 is Even Number
12. 15 is Odd Number
```