

## User-Defined Functions:

Functions that we define ourselves to do certain specific task are referred as user-defined functions.

User-defined functions are of two types:

1. Non-Parameterized Function
2. Parameterized Function

### 1.Non-Parameterized Functions:

While defining function, the function which does not include any parameter are called as Non-Parameterized Functions. In this functions we don't need to pass the arguments.

Ex.

```
def addition():  
    a=10  
    b=20  
    print("Addition is:",a+b)  
  
addition()
```

#Empty Paranthesis ie. No Parameters

#Function Call

### 2.Parameterized Functions:

A parameterized function is a function that acts on some arguments. If a function has **n parameters** then we need to pass **n arguments** while calling the function.

Ex.

Parameters

```
def addition(a, b):  
    print("Addition is:",a+b)  
  
addition(2,3)
```

#Parameters in Paranthesis

#Function Call



In this above example, while defining function we have declare two parameters a & b, So we need to pass values to the parameters through the function call. Here we had pass 2 & 3 value to the parameters a & b.

