

# **User Defined Functions**



# User Defined Functions

## User defined functions

- In Python we have built-in functions which are readily available for use. Example : min, max, print
- But many a time we need to create custom functions which can perform the tasks as we want.
- These functions are known as **user defined functions**.
- In Python, def keyword is used to declare user defined functions.
- An indented block of statements follows the function name and arguments which contains the body of the function.

### Syntax :

```
def function_name():  
    statements
```

## Arguments of User defined functions

The function may take arguments(s) also called parameters as input within the opening and closing parentheses, just after the function name followed by a colon.

### Syntax :

```
def function_name(argument1, argument2, ...):  
    statements
```

# User Defined Functions

## Default Parameter Value

- Whenever we call our defined functions with some parameters, we can set default values of these parameters.
- If no value is passed for these arguments then the parameter will take this default value.

### Example:

```
def agecal (yob=1995):  
    print(yob)
```

## return Values

The values which are returned after function execution are given as output using return statement

### Example :

```
def agecal (yob=1995):  
    return 2022-yob
```