FUNCTIONS

If a group of statements is repeatedly required then it is not recommended to write these statements everytime seperately.We have to define these statements as a single unit and we can call that unit any number of times based on our requirement without rewriting. This unit is nothing but function.

The main advantage of functions is code Reusability.
 Note: In other languages functions are known as methods,procedures,subroutines etc

Python supports 2 types of functions

1. Built in Functions
2. User Defined Functions

1. Built in Functions:

The functions which are coming along with Python software automatically,are called built in functions or pre defined functions

Eg:
id()
type()
input()
eval()
etc..

2. User Defined Functions:

 The functions which are developed by programmer explicitly according to business requirements ,are called user defined functions.

Syntax to create user defined functions:

```
def   function_name(parameters) :
  """ doc string"""
  ----
  -----
  return value
```