

What are Functions ?

- A function is a piece of code which performs a specific task
- It is used to reduce the repetition of the code hence reducing the size of the code, Less chances of making mistakes in the code
- Functions make the task easy for the programmers as each programmer in a team can be given a specific task(function) and at the end we can combine these task together to make single application.

- **Some points to remember are :**

- Program is a general term
- A very big program is called application
- An application broke into pieces are called modules that performs a specific task
- Modules broken into pieces are called Functions / Procedure

Advantages :

- Easy development
- Error free
- Can be developed by a team of programmers
- Reuse modules for function in other projects

Creating a Function :

Syntax : `def Name (<parameter List >)`

`.....`

`.....`

`.....`

`return result`

- A function must return a result and in python it returns result
- If you don't write return inside a function then it'll automatically returns **None**