**1.Why should we use function at all?**

When designing a program, we should use functions, each function usually does one task, if we want to do that task for multiple-time or in other files, we onle need to call that function, not to copy and paste the code again and again, which makes your code long ,so hard to read and change the code later. With function ,you only need to change the code once where it is defined.

**2. How to define a function?**

The syntax to define a function is:

def function\_name(*function argument if needed*):  
 *Statements*

**3. How to call a function?**

The syntax is:

Function\_name(*function argument if need*)

**4.What is return,why and how to use it?**

- In python, return is a keyword used to return one or some values of a function.

- When a function had finish its task,the the values of it will disappear too. To use that values in futher scopes, we need to return them

- The syntax to use it is:

def function\_name(*function argument if needed*):  
 *Statements*

return var1,var2,… # var1,var2,… is the variables that we need to return value

**5. Do we have to return every function?**

No, for example:

def print\_upper\_string(s):

print( s.upper() )

print\_upper\_stirng(“hello”)

**6. What are function arguments/parameters, why and how we use it?**

- function arguments/parameters are the value that function need to do the task( maybe print or return)

- if we want a function to do the task arcording to the value which is not create inside it,we need to use function arguments

- the syntax to use it is:

def function\_name(*func\_arg1,func\_arg2,…*):  
 *Statements*

**7. How to use function from a different file other than our currently working file?**

-To do that, we need to import the file that contains the function or the functions we need to the file we need to use that function.the syntax is:

# In the file we need to use the function

Import file\_contain\_func

file\_contain\_func.func()

#or

from file\_contain\_func import func1,func2

func1()

func2()