* Why should we use functions at all?

to help us organize programs into chunks that match how we think about the problem.

To create library, next time using, save time, easier debug the program

* How to define/declare a function?

Use def keyword. For example:

*def function.name(function.arguments):*

*function.body*

* How to call/use a function?

Import library (if necessary), use function like other python keywords:

*function.name(function.arguments)*

* What is return, why and how do we use it?

Return is the statement to make the function become fruitful function which returns a value when excecute. It means evaluate the return expression, and then return it immediately as the result (the fruit) of this function.

* Do we have to use return in **every** function?

Nope, some void function which is executed not for the value doesn’t need to use return function.

For example:

def print\_hello\_3times():

print('Hello World')

print('Hello World')

print('Hello World')

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

The parameters specify what information (if any) we have to provide in order to use the new function. The parameter list may be empty, or it may contain any number of parameters separated from one another by commas. In either case, the parentheses are required.

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

2 solutions:

1. Import the python file (“\*.py”) like other libraries we used (download file into library or copy the python file into the working directory
2. Copy the function into new file.