**Assignment:3**

1. With the help of functions, we can avoid rewriting the same logic or code again and again in a program. In a single Program, we can call Python functions anywhere and also call multiple times. We can track a large Python program easily when it is divided into multiple functions.
2. When its called.
3. “def” is creates a function.
4. A function is a block of code that does a particular operation and returns a result. It usually accepts inputs as parameters and returns a result. The parameters are not mandatory. A function call is the code used to pass control to a function.

Ex.   
Function add(a,b)  
return a+ b

Ex.  
 b = add(5,6)  
 Now b will have the value 11.

1. only one global Python scope per program execution.

Four local scopes.

1. the local variables are destroyed.
2. A return is a value that a function returns to the calling script or function when it completes its task. A return value can be any one of the four variable types: handle, integer, object, or string. The type of value your function returns depends largely on the task it performs.
3. If a function doesn't specify a return value, it returns None.
4. when we create a variable inside a function, that variable is local, and can only be used inside that function. To create a global variable inside a function, you can use the global keyword.
5. The None keyword is used to define a null value, or no value at all. None is a data type of its own (NoneType) and only None can be None.

11) That import statement imports a module named areallyourpetsnamederic. (This isn't a real Python module, by the way.)

12) This function can be called with spam. bacon().

13) Prevents program from crashing if an error occurs. If an error occurs in a program, we don't want the program to unexpectedly crash on the user. Instead, error handling can be used to notify the user of why the error occurred and gracefully exit the process that caused the error.

14) The try block lets you test a block of code for errors. The except block lets you handle the error.