**Assignment 3 Solutions**

**Ans1 :**

By using the concept of functions provides reusability of code and reduce the duplication of code. Which leads in making the code short , easy to read, and easy to update.

**Ans2 :**

The code in a function executes when it is called , not when the function is declared .

**Ans3:**

Function is created using keyword “def”.  
**Example:**  
def sample\_fun(self , c ,d):

Inside the function the parameters are passed.

**Ans4:**

 A function is procedure to achieve a particular result. while function call is using this function to achieve that task. Using a function to do a particular task any point in program is called as function call.

**Ans5:**

 There is one global scope, and a local scope is created whenever a function is called.

**Ans6:**

When a function returns, the local scope is destroyed, and all the variables in it are forgotten.

**Ans7**:

A return value is the value that a function call evaluates to. Like any value, a return value can be used as part of an expression.

**Ans8:**

 If there is no return statement for a function, its return value is None.

**Ans9:** A global statement will force a variable in a function to refer to the global variable. If you want to refer to a global variable in a function, you can use the global keyword to declare which variables are global.

**Ans10:**

The data type of None is None Type.

**Ans11:**

That import statement imports a module named areallyourpetsnamederic.

**Ans12:**

The function  spam.bacon() is called .

**Ans13:**

By using the concept of exception handling we can save a program from crashing and encounting an error.

Place the line of code that might cause an error in a try clause and use except block to handle the error.

**Ans14**:

Try :The code that could potentially cause an error goes in the try clause.

Except :The code that executes if an error happens goes in the except clause.