1. Why are functions advantageous to have in your programs?

Functions allows reusing of a piece of code so that the time needed to develop a large program with repeated steps can be developed with less errors easily.

1. When does the code in a function run: when it's specified or when it's called?

Function starts to execute only when it is called in the current program execution flow.

1. What statement creates a function?

To create a function “ def” keyword is used and then name of the function is specified

Ex: def addition (a,b) :

return(a+b)

1. What is the difference between a function and a function call?

a. Function is piece of code which performing a task.

b. Function call is an object or function code which can be called, pass arguments and return an object to the mail function.

1. How many global scopes are there in a Python program? How many local scopes?

Global scopes – 1 per program

Local scopes – Many in a program

1. What happens to variables in a local scope when the function call returns?

When the function call returns, all the local scope variables are disappearing or gets destroyed.

1. What is the concept of a return value? Is it possible to have a return value in an expression?

A function were arguments are passed will internal to it do calculations or operations and return a value or object. The value that a function return to a calling function is called a function return value. It is possible to have a return value in an expression.

1. If a function does not have a return statement, what is the return value of a call to that function?

If a function does not have a return statement python will implicitly return a default value which is None.

1. How do you make a function variable refer to the global variable?

To make a function variable a global variable we should declare that variable as global at the beginning of the program.

1. What is the data type of None?

The None keyword used in python is of data type which is called as ‘None type’ or Null type.

1. What does the sentence import areallyourpetsnamederic do?

The above sentence imports a module which is named as areallyourpetsnamederic.

1. If you had a bacon () feature in a spam module, what would you call it after importing spam?

It would be called as spam. bacon ().

1. What can you do to save a programme from crashing if it encounters an error?

We can move a code inside a try and expect statement. when such code is executed program will give an error instead of crashing the program.

1. What is the purpose of the try clause? What is the purpose of the except clause?

As the name tells ‘try’ block lets us test a piece of code for errors and the expect block will help us handle the error.