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

Ans: i. The main program becomes brief and neat if functions are used.

ii. They can be used later for doing the same kind of work/operations in any code.

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

Ans: When a function is called, the code inside a function runs.

1. What statement creates a function?

Ans - “***Def***” statement creates a function.

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

Ans: A function contains block of code which does our need specific task It accepts parameters and gives us the output. While Function call refers to the invoking of the function.

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

Ans: There is only one single global scope. The local scope is created when a function call happens.

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

Ans: When a function call returns all the local scope variable does not exist anymore.

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

Ans: The result of the function call is return value. Yes the return value can be used in an expression.

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

Ans: There will be no return value or None value.

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

Ans: A global keyword with the variable name in a function will refer to the global variable.

10. What is the data type of None?

Ans: None is the datatype which has no value or null value but it is not zero.

11. What does the sentence import areallyourpetsnamederic do?

Ans: This import statement imports module areallyourpetsnamederic.

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

Ans: spam.bacon()

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

Ans: We can use Try and Except method.

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

Ans: We can use Try and Except method where the exceptions can be handled. The part of the code which throws error falls in Exception block if it fails in Try block.