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

Ans - For the reusability of the code and logic.

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

Ans - First we have to specify and then we have to call the function.

1. What statement creates a function?

Ans - def statement creates the function

Eg - def func():

Pass

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

Ans - function refers to the definition of code for the reusability of the recurring logic

Whereas function call is calling of that logic for performing a action

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

Ans - One global scope and one local scope

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

Ans - To variables in a local scope when the function call returns gets expire.

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

Ans - A return is a value that a function returns to the function when it completes its task.

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

ANS - None

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

Ans - To create a global variable inside a function, you can use the global keyword. `

1. What is the data type of None?

ANS - The data type of None its own NoneType

1. What does the sentence import areallyourpetsnamederic do?

Ans - import areallyourpetsnamederic

Make areallyourpetsnamederic module available to use in another module

So that u can access classes and functions of that module .

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

ANS - Import spam as sp

sp.bacon()

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

Ans - 1) Error handling is used

Try -code

Except- handles the error

2) assertion

Assert statement

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

All statements are executed in the try block

If there is any error while executing the try block it will execute the exceptblock.