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

Using functions we can have the reusable code with the reduced number of lines, also code will be more readable and easier for maintenance and rework perspective.

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

When it is called

1. What statement creates a function?

We can use def keyword for creating the function and function can have parameters and return type and statement.

Example:

def func\_Name(parameters):

statement

return value

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

We can say function as a block of code with logical statements which returns a result and as function can’t be executed on its own, we have function call used to call and run the function that is created at the required point in the code.

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

There is only one global scope and one local scope per program execution and apart from them we have build in scope and enclosing scope

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

Local scope variables will be destroyed when the function call returns

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

The return value is something which a function returns when it is executed, return values can be integer , object, string, handle. Return values will be present by default for functions in python and we can also use return keyword to return any value and if anything is not defined it takes the default value and returns None. Like any value, a return value can be used as part of an expression.

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

It returns default value which is None

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

Using global keyword

Example:

class global\_variable:

a=0(global scope)

def func():

global a

a=a+1

1. What is the data type of None?

None is the keyword in python which we used to define null value or no value and it doesn’t belong to any datatype it itself is datatype(NoneType)

1. What does the sentence import areallyourpetsnamederic do?

It imports the module areallyourpetsnamederic

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

Spam.bacon()

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

We can use try clause

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

Code that causes the error can be in the try clause and the code that should be executed after the error occurs can be in the except clause