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

Sol:- if a block of code needs to be written again and again instead of writing again and again we can define function and call it where ever it is required.

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

Sol:- when it Is called

1. What statement creates a function?

Sol:- def statement creates function

Def ab():

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

Sol :-function is where we write code inside a block. Function call is where we call the function we defined when ever it is needed.

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

Sol:- in a program there is 1 global scope and there can be any number of local scopes.

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

Sol:- Scope of local variable terminates.

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

Sol:- Return value returns the output of the respective function.

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

Sol:- None

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

Sol:- using global keyword.

1. What is the data type of None?

Sol:- None is a data type i.e., None Type or we can say none doesn’t have any data type

1. What does the sentence import areallyourpetsnamederic do?

Sol:- it will import the module areallyourpetsnamederic if it is present .

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

Sol:-

import spam as sp

sp.bacon()

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

Sol:- we can use try except concept. If error occurs then command goes to except block .

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

Sol:- try is used for running the block of code we want to run and except block is to not to crash program if error occurs as it will handle the situation if error occurs in code which is in try block