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

Ans –

* one of the advantage of functions in python is Reusability means we can re-use the program or code again and again this way we can avoid rewriting the program
* we can call function any number of times and anywhere in the program for example len() we can call anywhere to get length of the argument we paas
* It’s also reduce duplicity of the code

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

Ans –

the code in a function run when it’s called . the code in the function does not run when we define the function using def statement. The body of the function is executed when function is called.

In this example **name()** atline number 3 this will call the function.

1. def name():
2. print('Shivam Jha!')
3. name()
4. 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 start with the definition with def statement and the program/code in its def clause.

Once a function is created in Python we can call it by writing function\_name()

A function call moves the program execution into the function, and the function call evaluates to the function’s return value

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

Ans –

There is only one global Python scope per program execution and the scope remains until the program terminates and all its names are forgotten.

There is also only one local scope

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

Ans –

When function call returns the local scope is killed, and all the variables in it are forgotten.

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

Ans –

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

Ans –

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

Ans –

1. What is the data type of None?

Ans –

1. What does the sentence import areallyourpetsnamederic do?

Ans –

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

Ans –

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

Ans –

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

Ans –