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

The advantages of having a function in our program is:-

1. Reducing duplication of code

2. Decomposing complex problems into simpler pieces

3. Improving clarity of the code

4. Reuse of code

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

The code in a function run when it’s called.

3. What statement creates a function?

The def keyword is a statement which is used to create a function.

You can write it as def followed by function name followed by() and :

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

The difference between function and function call is, A function is a procedure to achieve the

particular result while function call is using this function to achieve that task.Unless a

Function is called, their is no use of function.

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

There’s only one global python scope per program. Local Scope is the code block or body

Of any python function. The Python scope contains the name that you define inside the

Function. It’s created at function call, not at function definition so you will have as many

Different local scopes as function calls.

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

The variables gets destroyed in the local scope when the function calls returns.

7. What is the concept of a return value? Is it possible to have a return value

in an expression?

A return statement is used to end the execution of a function call and returns the result

to the caller. Yes, it is possible to have return value in an expression.

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

to that function?

If the function does not have a return statement, the return value of a call to that function

is undefined.

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

We use global keyword to make a function variable refer to the global variable.

10. What is the data type of None?

None keyword is an object and is the data type of the class None Type.

11. What does the sentence import areallyourpetsnamederic do?

The import statement imports a module named areallyourpetsnamederic.

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

importing spam?

The function can be called as spam.bacon() .

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

We can use a try clause to save a programme from crashing if it encounters an error.

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

The line of code which can give an error is put inside the try clause, so that the error could be avoided.

The line of code which executes if an error happens is inside the except clause.