

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

Functions reduce the need for duplicate code. This makes programs shorter, easier to read and easier to update. A function call is what moves the program execution into the function and the function call evaluates to the function's return value.

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

When the functions are called then it will run.

3. What statement creates a function?

def statement creates a function.

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

Function is a procedure to achieve a particular result by using a call.

Function call is using the function to achieve that task.

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

In python program there is only one global python scope per program execution.

Local scopes also only one in a def statement. If function within a function called then it is called as Enclosed scopes.

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

After the function call returns local scope ends and the variables will be disappeared.

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 the function call and returns the result to the caller. The statement after the **return** statement is not executed.**

Yes. It is possible to 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?

None

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

By using global keyword, we can refer the global variable in a function.

10. What is the data type of None?

It is a NoneType variable used to define null variable or an object.

11. What does the sentence import areallyourpetsnamederic do?

It will import module named areallyourpetsnamederic.

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

By calling spam.bacon()

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

By using error-handling such as try, except, finally, we can save our programme by crashing due to error.

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

Try clause used to check the errors in a code.

Whereas except clause except the error and executes the code.