

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

Ans:- Reduce the Duplicate code in the programme.

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

Ans:- When it's called

3. What statement creates a function?

Ans:- def statement

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

Ans:-

Function:- function is a bunch of code create for a particular task.

Function call :- calling of a function is known as function call. A function call may be more than one for a function.

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

Ans:- One global scope in python program and local scope depends on user

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

Ans:- Local variable are destroyed after function call .

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

Ans:- The return statement is used to end the execution of function and gives the result of execution.

Yes it is possible expression have a return value .

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

Ans:- Function returns a Undefined value as a result.

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

Ans:- We need to use global keyword and declare the function variable as global.

10. What is the data type of None?

Ans:- None is own data type none or we can say that not having any data type.

11. What does the sentence `import areallyourpetsnamederic` do?

Ans:- Its import the module areallyoupetsnameederic.

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

Ans:- spam.bacon()

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

Ans: -we use try and except, move our programme into try and except and gives a message instead of crashing the programme.

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

Ans:- The try block test the block of code for errors. The except block handle the error.