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

* Reducing duplication of code
* Decomposing complex problems into simpler pieces
* Improving clarity of the code
* Reuse of code
* Information hiding

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

* When it is called

3. What statement creates a function?

* def function\_name():

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

* In Function, block of code is written which is to be executed and this code can be reused.
* In function call, above mentioned function is called and executed and get the result of written code in function.

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

* There is only one global scope in python program.
* Local scope depends upon the number of functions.

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

* When the function call returns, the local variables are destroyed.

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

* It is a value that a function returns to the caller when function completes its task.
* In an expression when one needs to use the return value of a function, one can call that function in that expression and use the return value in the expression.

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

* Python will implicitly return a default value . That default return value will always be None .

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

* By using a “global” keyword before that variable.

10. What is the data type of None?

* It is a data type of the class NoneType

11. What does the sentence import areallyourpetsnamederic do?

* That 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?

* Spam.bcon()

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

* Writing part of the program that may cause error in try block.

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

* The try block lets you test a block of code for errors. The except block lets you handle the error.