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

Answer:

Functions enable reuse of code, improve maintainability and scalability.

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

Answer:

When function is called.

3. What statement creates a function?

Answer:

def - statement

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

Answer:

A function is a piece of code which enhanced the reusability and modularity of your program. It means that piece of code need not be written again. A function is defined using “def”.

A function call means invoking or calling that function.

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

Answer:

One global scope & local scope

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

Answer:

When the function returns, the local scope is destroyed, and these variables are forgotten.

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

Answer:

A return value is the value that a function call evaluates to. Like any value, a return value can be used as part of an expression.

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

Answer: “None”

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

Answer: A global statement will force a variable in a function to refer to the global variable.

10. What is the data type of None?

Answer: “Nonetype”

11. What does the sentence import areallyourpetsnamederic do?

Answer:

It imports the module name “areallyourpetsnamederic” .

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

Answer:

spam.bacon()

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

Answer:

We can use “try” clause

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

Answer:

“try” clause is used to catch the error and try block is used to test block of code for errors

“except” clause is used to test code for an error which is written in the “try” statement