

Number 1 -

- Question -

Why are functions advantageous to have in your programs?

- Answer -

Functions reduce the need for duplicate code. This makes programs shorter, easier to read, and easier to update.

Number 2 -

- Question -

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

- Answer -

The code in a function executes when the function is called, not when the function is defined.

Number 3 -

- Question -

What statement creates a function?

- Answer -

The def statement defines, i.e. creates a function.

Number 4 -

- Question -

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

- Answer -

A function consists of the def statement and the code in its def clause. A function call is what moves the program execution into the function, and the function call evaluates to the function's return value.

Number 5 -

- Question -

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

- Answer -

There is one global scope, and a local scope is created whenever a function is called.

Number 6 -

- Question -

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

- Answer -

When a function returns, the local scope is destroyed, and all the variables in it are forgotten.

Number 7 -

- Question -

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.

Number 8 -

- Question -

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

- Answer -

If there is no return statement for a function, its return value is None.

Number 9 -

- Question -

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.

Number 10 -

- Question -

What is the data type of None?

- Answer -

The data type of None is NoneType.

Number 11-

- Question -

What does the sentence import are all your pets name dermic do?

- Answer -

That import statement imports a module named areallyourpetsnamederic.

Number 12 -

- Question -

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

- Answer -

This function can be called with spam.bacon().

Number 13 -

- Question -

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

- Answer -

Place the line of code that might cause an error in a try clause.

Number 14 -

- Question -

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

- Answer -

- The code that could potentially cause an error goes in the try clause.

-The code that executes if an error happens goes in the except clause.