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

Functions allow us to break down large, complex problems in to smaller more manageable to sub problems.

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

When it’s called

1. What statement creates a function?

A function creates with Def keyword.

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

A function is a block of code that does a particular operation and returns a result.

A function call is the code used to pass control to a function

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

There is only one global scope per program execution.

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

A local variable becomes undefined when the function call returns.

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

A return is a value that a function returns to the calling script when it completes its task. Yes.

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

Undefined/None

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

Can use Global keyword.

1. What is the data type of None?

None is used to define null value or no value at all. None is a data type of its own.

1. What does the sentence import areallyourpetsnamederic do?

Imports a module named areallyourpetsnamederic.

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

Spam.bacon()

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

When it encounters an error, the control is passed to the except block, skipping the code in between. As seen in the above code, we have moved our code inside a try and except statement. Try running the program and it should throw an error message instead of crashing the program.

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

The try block is used to check some code for errors i.e the code inside the try block will execute when there is no error in the program. Whereas the code inside the except block will execute whenever the program encounters some error in the preceding try block.