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

Functions "Encapsulate" a task (they combine many instructions into a single line of code).

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

When it is called

1. What statement creates a function?

def function name ():

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

Function – creating lines if code it won’t give an output unless called

Function call- function is called to execute certain task

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

Global scope-There's only one global Python scope per program execution. This scope remains in existence until the program terminates and all its names are forgotten.

Local scope-At any given time during execution, we have at most four active scopes

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

When the execution of the function terminates (returns), the local variables are destroyed.

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

Return value returns value on executing function which can be stored in a variable , single or multiple values can be returned

The last statement in a block Expression becomes the return value

In expression value can be assigned

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

Undefined

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

Normally, when we create a variable inside a function, that variable is local, and can only be used inside that function. To create a global variable inside a function, we can use the global keyword.

1. What is the data type of None?

NoneType in Python is a data type that simply shows that an object has no value/has a value of None

1. What does the sentence import areallyourpetsnamederic do?

Not valid

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

Import spam from bacon

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

Use try except

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

It avoids crashing of the code and gives alternate code lines from except