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

***Answer 1:***

***Having your own and multiple functions do make your tasks easier. It discard the need to rewrite the same code again and again to perform the same function. Instead we can call the same function every time needed. This also makes your code look simpler and easy to read.***

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

***Answer 2:***

***The code in the function runs only when it is called and not when it is defined. Whenever the function is specified it stores the information and commands to follow and it runs the same when called upon.***

1. What statement creates a function?

***Answer 3:***

***The def statement creates a function.***

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

Answer 4:

***A function is created using the def statement and code is defined in it’s def clause stating what and how to execute.  
A function call is when the function is called by stating the name of the function also assigning a value to it and it executes the same and returns us a value.***

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

***Answer 5:***

***There is one global scope, and a local scope is created whenever a function is called. Local scope is accessible only inside the function whereas the global scope can be accessed anywhere outside the function as well.***

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

***Answer 6:***

***Whenever the function returns local variable stored in it is destroyed from memory and all the variable within are forgotten.***

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

***Answer 7:***

***A return value is the value that is returned when the function is called and end the execution of the function.   
Like any value, a return value can be used as part of an expression.***

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

***Answer 8:***

***If the function does not have a return statement, it’s return value is none.***

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

***Answer 9:***

***A function variable or a local variable is referred to a global variable through a global statement.***

1. What is the data type of None?

***Answer 10:***

***The data type of None is Nonetype.***

1. What does the sentence import areallyourpetsnamederic do?

***Answer 11:***

***The above statement will import the module named ‘areallyourpetsnamederic’ from database.***

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

***Answer 12:***

***Spam.bacon()***

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

***Answer 13:***

***We can prevent a programme or function from crashing in case of an error by putting it in a try block.***

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

***Answer 14:***

***Try clause can be used to handle the code that can potentially cause an error and prevent it from the same.***

***Except clause defines what code should be ran if error occurs in the try clause.***