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

Because you do not repeat the same lines of code, if you need to to use it multiple times.

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

When it's called.

3. What statement creates a function?

def function_name():

function code

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

Function is a code for a function (all the necessary code for function to work).

Function call is calling function by its name in order to make it work(use it).

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

One global scope. One local scope.

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

Local variables are terminated.

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

Return values are returning some values after completion of some task.

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

None

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

With a keyword global (write it before the var name and the value of this var will be changed also outside the function)

10. What is the data type of None?

Data type to define non-value /null value. It is a NoneType object in Python. Can be used to reset variable to its original empty state.

11. What does the sentence import areallyourpetsnamederic do?

This senetence is trying to import module of the name areallyourpetsnamederic. But it will return with ModuleNotFoundError, because this module does not exist.

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

spam.bacon()

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

By using try-except clauses

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

Try clause test the code for error. Except clause make it possible to handle the error with user defined solution.