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

Ans. Functions are used for reusable code in program, which are easier to read and update

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

Ans. Code in a function run when it’s called

3. What statement creates a function?

Ans. The def statement creates a function.

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

Ans. A function is place where block of code is written to achieve a particular result while function call is a trigger to execute the code within a function at any point in program

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

Ans. There is only one global scope in python and local scopes is created whenever a function is called

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

Ans. Variables in local scope is destroyed whenever the function call returns

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

Ans. Return value is what a function evaluates when it is called. We can add return value in an expression.

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

Ans. Function without return statement, returns None

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

Ans. Use the global keyword to make function variable refer the global variable.

10. What is the data type of None?

Ans. Data type None is NoneType

11. What does the sentence import areallyourpetsnamederic do?

Ans. This imports a module name areallyourpetsnamederic

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

Ans. spam.bacon()

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

Ans. Write the code inside try clause.

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

Ans. Try clause can be used to write the code which can cause an error.

Except clause are used to write a code which can run whenever error happens while executing code inside try clause