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

Ans. Function reduce the needs of duplicate codes and also it will compile only for one time and then only execution is needed.

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

Ans. The code in function run only when it’s called. Not when you defing the function.

3. What statement creates a function?

Ans. def statement creates a function.

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

Ans. Function consists of def statement and along with the functionality written in it. but function call is mainly what moves the program execution into the function, and the function call evaluates to function’s return value.

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

Ans. There is one global scope and one local scope created when function is called.

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

Ans. local scope is destroyed and variables are forgotton.

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

Ans. A return value mainly used to return the output from the function. Yes we can have 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. None.

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

Ans. By using the global statement we can make function variable to global.

10. What is the data type of None?

Ans. Nonetype.

11. What does the sentence import areallyourpetsnamederic do?

Ans. It will try to import the library, but here it will gibe you the error. No library find.

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

Ans. spam.bacon()

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

Ans. try:

your code

except Exception as err:

print("Uh oh, please send me this message: '" + err + "'")

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

Ans. try block lets you test a block of codes for errors and except block letsyou handle the error.