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

For reducing duplication, simplify the complex code, reusing, information hiding and improve code clarity

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

The code in function run when we call it. A function is specified at it’s declaration and called when we wanted to use.

3. What statement creates a function?

def functioname():

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

A function is a piece of code which is used or performing a specific task. A function call is calling the function to run the code.

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

The have only 1 global scope and infinite local scopes

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

When the function call returns the local variables died and it’s memory can be used for other purposes.

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

Return simply means the value what a specific function generated. Yeah it’s possible to return an expression.

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

Without return statement it will return None

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

Using the global keywork

10. What is the data type of None?

Object type

11. What does the sentence import areallyourpetsnamederic do?

It imports the package into the current program

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

Import spam

Spam.bacon()

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

Use the try except clause to handle the exceptions

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

Try clause tries to execute the statement without any exceptions. If exception occurred it goes to the except clause and handle the exception rather crashing the program.