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

**Ans.**With the help of functions, we can avoid rewriting the same logic or code again and again in a program and also call multiple times.

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

**Ans.**The code in a function executes when the function is called, not when the function is defined.

1. **What statement creates a function?**

**Ans.**The “def” keyword is a statement for defining a function.

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

**Ans.**A function is a block of code which only runs when it is called.A function call is the code used to pass control to a function

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

**Ans.**There's only one global Python scope per program execution. Local scope is also one.

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

**Ans.**When the execution of the function returns, the local variables are destroyed.

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

**Ans.**A return statement is used to end the execution of the function call and “returns” the result to the caller. If the return statement is without any expression, then the special value None is returned.

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

**Ans.** In this case, the return value of the called function is undefined.

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

**Ans.**To create a global variable inside a function, one can use the global keyword.

1. **What is the data type of None?**

**Ans.** None is a data type of its own (NoneType) and only None can be None.

1. **What does the sentence import areallyourpetsnamederic do?**

**Ans**.This import statement imports a module named areallyourpetsnamederic.

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

**Ans.** This function can be called with spam. bacon().

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

**Ans.**we should move our code inside a try and except statement. Try running the program and it should throw an error message instead of crashing the program.

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

**Ans.**The try block lets you test a block of code for errors. The except block lets you handle the error.