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

Ans: It gives modular programming and reusability of code in your program and reduce duplicate code.

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

Ans: When it is called

1. What statement creates a function?

Ans: def fun\_name():

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

Ans: function is the piece of code to perform some task. Function call is used to run that piece of code inside a function.

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

Ans: One global and One local.

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

Ans: Their lifetime expires when function call returns.

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

Ans: Function returns the value desired by the user based on the type of task performed by function. Yes, it is possible to return value in an expression.

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

Ans: In python it returns none.

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

Ans: create global variable using global keyword and can change its value inside the function using global keyword if there two variables with same name (global and local variable inside function).

1. What is the data type of None?

Ans: NoneType, because None is itself a datatype.

1. What does the sentence import areallyourpetsnamederic do?

Ans: It will import a module with name arellyourpetnamederic.

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

Ans: spam.bacon()

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

Ans: using error handling and logging.

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

Ans: try contains the code that cause problem. Except is used to throw the type of exception by try block.