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

Ans. Functions reduce the the need for duplicate code. This makes program shorter, easier to read and easier to update.

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, var say Hello=function() {}

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

Ans. A function is a block of code that does a particular operation and returns a result. While 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 is only one global scope in a python program and 4 in local scope

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

Ans, When the execution of the function terminates (returns), the local variable destroyed. Codelens helps you visualize this because the local variables disappear after the function returns.

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 anr “return”the result (value of the expression following the return keyword) to the caller. The statement after the return statement are not executed.

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, If no return statement appears in a function definition, control automatically returns to the calling function after the last statement of the called function is executed. 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, If we want to refer global variable in a function, we can use the global keyword to declare which variables are global

1. What is the data type of None?

Ans, The None keyword is used to define a null value, or no value at all.

1. What does the sentence import areallyourpetsnamederic do?

Ans, Import a module name 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, This can be done by writing an additional code in a program to give proper messages or instructions to the user or encountering an exception. This process is known as exception handling.

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

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