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

**Ans:**

**Function are useful in following manner:**

**1. It increase reusability of code and reduce duplicity of code.**

**2. With help of function we can divide complex task in smaller task.**

**3. With function we can hide our business login from end user.**

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

**Ans:**

Code in function run **when it is called**.

1. What statement creates a function?

**Ans:**

**def fun():**

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

**Ans:**

**In a function we define business or we can say it just definition of function. We can use function by calling function.**

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

**Ans:**

* **There is only one global scopes.**
* **There are many local scope**

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

**Ans:**

**When function call returns, all local scope variable destroys.**

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

**Ans:**

**Function will return value while calling function, if return is mentioned in definition of function, return NoneType if it is not mentioned inside definition of function. return is always last statement in function.**

**Yes it is possible to have a 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: return value is undefined if return function does not have return statement.**

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

**Ans:**

**By using global keyword.**

10. What is the data type of None?

**Ans:**

**NoneType**

11. What does the sentence import areallyourpetsnamederic do?

**Ans:**

**We can access all code functionality of areallyourpetsnamederic module .**

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:**

**We can save a programme from crashing by using Exception Handling if it encounter an error.**

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

**Ans:**

**We use try and except clause for error handling. We write code inside try clause and all exception inside except clause. Whenever we execute programme, all code inside try clause execute till end of line if there is no exception occur, but whenever there is error in code inside try clause, flow of execution will immediately transferred to except clause to handle exception.**