**Basic Python Assignment -3**

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

- It helps us not to write the long code again and again, we can simply call the function we created and make it work for us.

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

**-** When we call a function, only then it runs.

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

**-** def (stands for define)

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

**-** When we create it, it is called a function. When we need it for our convenience, and we call it to run, it called a function call.

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

**-** At a single go, there could only be a single global scope. Local scopes can be at most four in a single program.

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

**-** The variable dies when the function call returns in a local scope.

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

**-** A return value gives out a value when a function is called. Yes, it is possible to have a return value in expression.

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

**-** If there is no return statement in a function, it will return value as None.

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

- Any function variable which is global will be forced upon in the program.

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

**-** NoneType is the datatype of None.

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

**-** The statement will import the module named areallyourpetsnamederic

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

**-** spam.bacon() will help us call it.

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

**-** Put that code in try clause.

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

- Try clause will reduce the chances of error and the code can go in except clause if the error comes in.