Module: MS .NET

Practice Question on Basic LINQ

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1. Write a program in C# Sharp to show how the three parts of a query operation execute.

Expected Output:

The numbers which produce the remainder 0 after divided by 2 are:

0 2 4 6 8

2. Write a program in C# Sharp to find the +ve numbers from a list of numbers using two where conditions in LINQ Query.

Expected Output:

The numbers within the range of 1 to 11 are:

1 3 6 9 10

3. Write a program in C# Sharp to find the number of an array and the square of each number.

Expected Output:

{ Number = 9, SqrNo = 81 }

{ Number = 8, SqrNo = 64 }

{ Number = 6, SqrNo = 36 }

{ Number = 5, SqrNo = 25 }

4. Write a program in C# Sharp to display the number and frequency of a given number from an array.

Expected Output:

The number and the Frequency are:

Number 5 appears 3 times

Number 9 appears 2 times

Number 1 appears 1 times

5. Write a program in C# Sharp to display the characters and frequency of each character in a given string.

Test Data:

Input the string: apple

Expected Output:

The frequency of the characters are:

Character a: 1 times

Character p: 2 times

Character l: 1 times

Character e: 1 times