**SET – A**

**Name: Mobile Number: Email ID:**

**Qualification: Programming Lang: Date:**

**Section 1**

1. Write a program to print frequency of each character in a given string when count is a primary number.

**Input:** Enter a string: aaaaBBBcdddd

**Output**: B-3, c-1

1. Write a code to find duplicate elements in a given array and print their sum.

**Output:**

Array = {5,3,4,6,7,5,3,2,1}

Duplicate elements: 5,3

Sum of duplicate elements: 5+3 = 8

1. Write the code for the series

Example 1:

**Input:** a3b2c4

**output :** aaabbcccc

Example 2:

**Input:** ak2b3r

**output :** akkbbbr

**Section 2**

1. Write a program to print frequency of each character in a given string.

**Input:** Enter a string: aaaBBcd

**Output**: a-3,B-2,c-1,d-1

1. Write a program to print prime number from 1 to n. (Where n is enter by user.)

**Output**:

Enter n value: 100

Prime numbers: 2, 3, 5, 7, 11, 13,…

1. Write a program to find the 2nd highest value from array.

**Input:** [5, 8, 6, 11, 4, 6, 9]

**Output:** 9

1. Write a program to remove duplicate characters from a string.

**Input:** HelloWorld

**Output:** Helowrd

1. Write a program to swap neighbour char in string

**Input:** abcde

**Output:** badce