

## Logic Building Assignment : 31

**1. Write a Java program which accept string from user and count number of capital characters.**

**Input :** "Marvellous Multi OS"

**Output :** 4

```
class StringDemo
{
    public int CountCapital(String str)
    {
    }
}
```

**2. Write a java program which accept string from user and count number of small characters.**

**Input :** "Marvellous"

**Output :** 9

```
class StringDemo
{
    public int CountSmall(String str)
    {
    }
}
```

**3. Write a java program which accept string from user and return difference between frequency of small characters and frequency of capital characters.**

**Input :** "Marvellous"

**Output :** 6 (8-2)

```
class StringDemo
{
    public int CountDiff(String str)
    {
    }
}
```

**4. Write a java program which accept string from user and check whether it contains vowels in it or not.**

**Input :** "marvellous"

**Output :** TRUE

**Input :** "Demo"

**Output :** TRUE

**Input :** "xyz"

**Output :** FALSE

```
class StringDemo
{
    public boolean ChkVowel(String str)
    {
    }
}
```

}

**5. Write a java program which accept string from user and display it in reverse order.**

**Input : "MarvellouS"**

**Output : "SuollevrAM"**

```
class StringDemo
{
    public void Reverse(String str)
    {
    }
}
```

