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)
    {
    }
}
```