

## **OBJECT ORIENTED PROGRAMMING LAB**

### **Experiment No.: 6**

#### **Aim**

Program to sort strings.

#### **Procedure**

```
import java.util.*;

public class Stringsort
{
    static Scanner s=new Scanner(System.in);
    public static void main(String args[])
    {
        String temp;
        String[] A=new String[8];
        int a;
        System.out.println("enter the size of the array");
        a=s.nextInt();
        System.out.println("enter the Strings into the array");
        for(int i=0;i<=a;i++)
        {
            A[i]=s.nextLine();
        }
        System.out.println("Sorted array elements:");
        for(int i=0;i<=a;i++)
        {
            for(int j=i+1;j<=a;j++)
            if(A[i].compareTo(A[j])>0)
            {
                temp=A[i];
                A[i]=A[j];
            }
        }
    }
}
```

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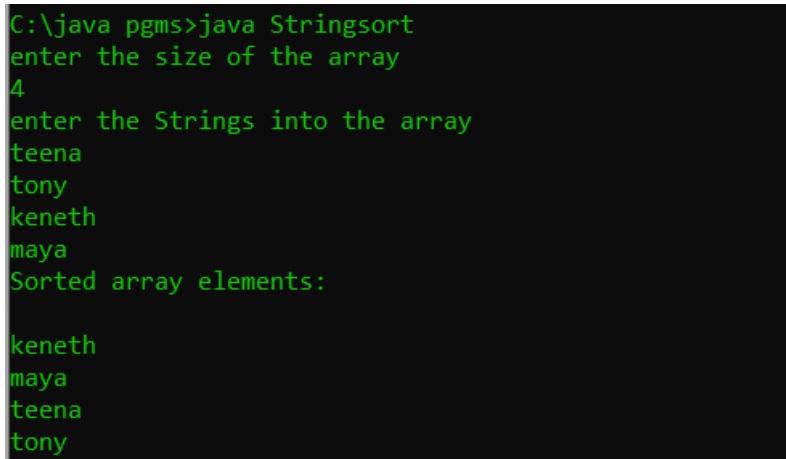
**Roll No:38**

**Batch:RMCA B**

**Date:22/04/2022**

```
A[j]=temp;
}
}
for(int i=0;i<=a;i++)
{
System.out.println(A[i]);
}
}
}
```

### **Output Screenshot**



A screenshot of a command prompt window showing the execution of a Java program. The user enters the size of the array as 4 and then enters four strings: teena, tony, keneth, and maya. The program then displays the sorted array elements: keneth, maya, teena, and tony.

```
C:\java pgms>java Stringsort
enter the size of the array
4
enter the Strings into the array
teena
tony
keneth
maya
Sorted array elements:
keneth
maya
teena
tony
```