

OBJECT ORIENTED PROGRAMMING LAB

Experiment No.: 5

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];
                A[j]=temp;
            }
        }
    }
}
```

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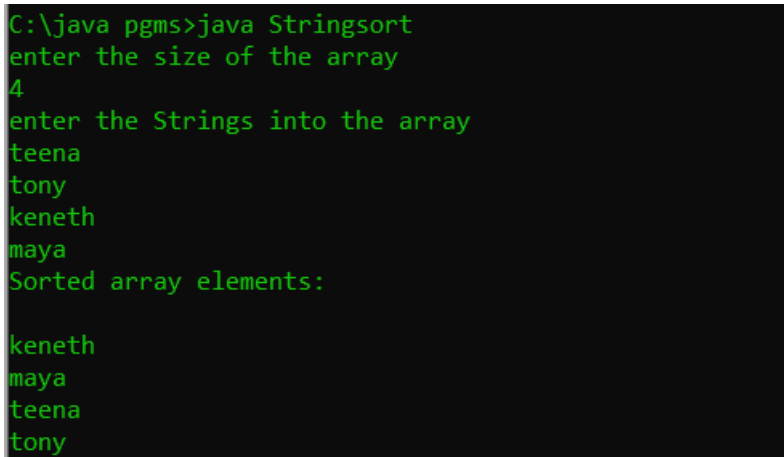
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```
}  
  
for(int i=0;i<=a;i++)  
{  
System.out.println(A[i]);  
}  
}  
}
```

Output Screenshot



A screenshot of a command prompt window with a black background and green text. The text shows the execution of a Java program named 'Stringsort'. The user enters the size of the array as 4, 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
```