

# Rajalakshmi Engineering College

Name: DARSHAN M

Email: 241501040@rajalakshmi.edu.in

Roll no: 241501040

Phone: 9360697087

Branch: REC

Department: AI & ML - Section 1

Batch: 2028

Degree: B.E - AI & ML

Scan to verify results



## 2024\_28\_III\_OOPS Using Java Lab

### 2028\_REC\_OOPS using Java\_Week 4\_Q2

Attempt : 1

Total Mark : 10

Marks Obtained : 10

#### **Section 1 : Coding**

##### **1. Problem Statement**

Anu is developing a tool for a conference registration system. Participants submit keywords related to their fields of interest. The organizer wants to sort these keywords alphabetically to generate tags for session grouping.

Write a program that accepts at least five keywords as input arguments and outputs them in sorted alphabetical order.

##### ***Input Format***

The first line of input contains an integer n, representing the number of keywords.

The second line of input contains n space-separated keywords (string).

##### ***Output Format***

The output prints n space separated strings representing the sorted keyword in alphabetical order.

Refer to the sample output for formatting specifications.

### ***Sample Test Case***

Input: 5

Blockchain Cloud AI Data Cybersecurity

Output: AI Blockchain Cloud Cybersecurity Data

### ***Answer***

```
// You are using Java
import java.util.*;
public class Main{
    public static void main(String args[]){
        Scanner s = new Scanner(System.in);
        int k = s.nextInt();
        s.nextLine();
        String a = s.nextLine();
        String arr[] = a.split(" ");
        Arrays.sort(arr);

        for(int i=0;i<k;i++){
            System.out.print(arr[i]+" ");
        }

    }
}
```

**Status : Correct**

**Marks : 10/10**