

# Rajalakshmi Engineering College

Name: jayaraman S  
Email: 240701210@rajalakshmi.edu.in  
Roll no: 2116240701210  
Phone: 9080708226  
Branch: REC  
Department: CSE - Section 5  
Batch: 2028  
Degree: B.E - CSE

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## 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***

```
import java.util.*;
import java.util.Collections;
public class Main{
    public static void main(String[] args){
        Scanner ip=new Scanner(System.in);
        int n=ip.nextInt();
        ip.nextLine();
        String str=ip.nextLine();
        String[] parts=str.split(" ");
        Arrays.sort(parts);
        for(String i:parts){
            System.out.print(i+" ");
        }
        ip.close();
    }
}
```

**Status : Correct**

**Marks : 10/10**