

# Rajalakshmi Engineering College

Name: Siddesh Kumar L  
Email: 240701512@rajalakshmi.edu.in  
Roll no:  
Phone: null  
Branch: REC  
Department: CSE - Section 7  
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.*;
class Main {
    public static void main(String[] args) {
        Scanner in = new Scanner(System.in);
        int n = in.nextInt();
        in.nextLine();
        String[] keywords = in.nextLine().split(" ");
        Arrays.sort(keywords);
        System.out.println(String.join(" ", keywords));
    }
}
```

**Status :** Correct

**Marks :** 10/10