

# Rajalakshmi Engineering College

Name: swathi sureshkumar  
Email: 241001281@rajalakshmi.edu.in  
Roll no: 241001281  
Phone: 6385881204  
Branch: REC  
Department: IT - Section 4  
Batch: 2028  
Degree: B.E - IT

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 sc = new Scanner(System.in);  
  
        int n = Integer.parseInt(sc.nextLine());  
        String[] keywords = sc.nextLine().split(" ");  
  
        Arrays.sort(keywords);  
  
        for (int i = 0; i < n; i++) {  
            System.out.print(keywords[i]);  
            if (i != n - 1) {  
                System.out.print(" ");  
            }  
        }  
  
        sc.close();  
    }  
}
```

**Status :** Correct

**Marks :** 10/10