

# Rajalakshmi Engineering College

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Department: CSE - Section 10

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.*;  
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 (String word : keywords) {  
            System.out.print(word + " ");  
        }  
        sc.close();  
    }  
    // by rayy
```

***Status : Correct***

***Marks : 10/10***