

# Rajalakshmi Engineering College

Name: Nivethitha K  
Email: 240701375@rajalakshmi.edu.in  
Roll no: 240701375  
Phone: 7010674762  
Branch: REC  
Department: CSE - Section 8  
Batch: 2028  
Degree: B.E - CSE

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***

```
import java.util.*;  
  
public class Main {  
    public static void main(String[] args) {  
        Scanner scan = new Scanner(System.in);  
        int n = scan.nextInt();  
        scan.nextLine();  
        String[] keywords = new String[n];  
        for (int i = 0; i < n; i++) {  
            keywords[i] = scan.next();  
        }  
        Arrays.sort(keywords);  
        for (int i = 0; i < n; i++) {  
            System.out.print(keywords[i]);  
            if (i < n - 1) {  
                System.out.print(" ");  
            }  
        }  
    }  
}
```

**Status : Correct**

**Marks : 10/10**