

# Rajalakshmi Engineering College

Name: Sherwin G M  
Email: 240701496@rajalakshmi.edu.in  
Roll no: 240701496  
Phone: 7708605966  
Branch: REC  
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**

```
// You are using Java
import java.util.*;
class mai
{
    public static void main(String args[])
    {
        Scanner in = new Scanner(System.in);
        int n = in.nextInt ();
        in.nextLine();
        String word[] = in.nextLine().split(" ");
        Arrays.sort(word);
        for(int i=0;i<n;i++)
        {
            System.out.print(word[i]+ " ");
        }
    }
}
```

**Status : Correct**

**Marks : 10/10**