

# Rajalakshmi Engineering College

Name: Srithan Saravanan  
Email: 240701532@rajalakshmi.edu.in  
Roll no: 240701532  
Phone: 7200352047  
Branch: REC  
Department: CSE - Section 7  
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 sc=new Scanner(System.in);
        int n=sc.nextInt();
        String[] w=new String[n];
        for(int i=0;i<n;i++) w[i]=sc.next();
        Arrays.sort(w);
        for(int i=0;i<n;i++){ System.out.print(w[i]+" ");}}}
```

**Status :** Correct

**Marks :** 10/10