

# Rajalakshmi Engineering College

Name: Adithya B  
Email: 240701018@rajalakshmi.edu.in  
Roll no: 240701018  
Phone: 9444117405  
Branch: REC  
Department: CSE - Section 10  
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.*;
class main{
public static void main(String[] args){
    Scanner sc = new Scanner(System.in);
    int n = sc.nextInt();
    String[] words=new String[n];
    for(int i=0;i<n;i++){
        words[i]=sc.next();
    }
    Arrays.sort(words);

    for(int i=0;i<n;i++){
        System.out.print(words[i]+" ");
    }
}
```

**Status :** Correct

**Marks :** 10/10