# Rajalakshmi Engineering College

Name: KRITHESHWARAN R
Email: 241901049@rajalakshmi.edu.in
Roll no: 241901049
Phone: 9843565002
Branch: REC
Department: CSE (CS) - Section 2
Batch: 2028
Degree: B.E - CSE (CS)

## 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*

```java
// You are using Java
import java.util.*;

public class Main{
    public static void main(String[] args){
        Scanner myobj=new Scanner(System.in);
        int num=myobj.nextInt();
        myobj.nextLine();
        String [] b = new String[num];
        for(int i=0;i<num;i++)
        {
            b[i]=myobj.next();
            //System.out.println(b[i]);
        }
        Arrays.sort(b);
        for(int j=0;j<num;j++)
        {
            System.out.print(b[j] +" ");
        }

    }
}
```

*Status :* Correct                                         *Marks : 10/10*