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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

```
import java.util.Arrays;
import java.util.Scanner;

 class KeywordSorter {

 public static void main(String[] args) {
 Scanner scanner = new Scanner(System.in);

 int n = scanner.nextInt();
 scanner.nextLine();

 String line = scanner.nextLine();

 String[] keywords = line.split(" ");

 Arrays.sort(keywords);

 for (int i = 0; i < keywords.length; i++) {
 System.out.print(keywords[i]);
 if (i < keywords.length - 1) {
 System.out.print(" ");
 }
 }
 System.out.println();

 scanner.close();
 }
}
```

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