

Day 42 coding Statement : Write Program to check if two arrays are the same or not

Description

Get two arrays as the input from the user and check whether it is the same or not.

Input

Enter the size of first array :

3

Enter the size of second array :

3

Enter elements of first array :

1 2 3

Enter elements of second array :

1 2 3

Output

Same

```
import java.util.*;

public class Program {
    static void sort(int arr[], int n1) {
        int i, j;
        for (i = 0; i < n1 - 1; i++) {
            for (j = 0; j < n1 - i - 1; j++) {
                if (arr[j] > arr[j + 1]) {
                    int temp = arr[j];
                    arr[j] = arr[j + 1];
                    arr[j + 1] = temp;
                }
            }
        }
    }

    static int arrays(int arr1[], int arr2[], int n1, int n2) {
        sort(arr1, n1);
        sort(arr2, n2);
        int i, count = 0;
        for (i = 0; i < n1; i++) {
            if (arr1[i] == arr2[i]) {
```

```

        count++;
    }
}
return count;
}

public static void main(String[] args) {
    int n1, n2, count = 0;
    Scanner sc = new Scanner(System.in);
    System.out.println("Enter the size of first array: ");
    n1 = sc.nextInt();
    System.out.println("Enter the size of second array: ");
    n2 = sc.nextInt();
    int[] arr1 = new int[n1];
    int[] arr2 = new int[n1];
    System.out.println("Enter the elements of first array: ");
    for (int i = 0; i < n1; i++) {
        arr1[i] = sc.nextInt();
    }
    System.out.println("Enter the elements of second array: ");
    for (int i = 0; i < n2; i++) {
        arr2[i] = sc.nextInt();
    }
    if (arrays(arr1, arr2, n1, n2) != n1) {
        System.out.print("Not same");
    } else
        System.out.print("Same");
}
}

```