

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.Scanner;

public class RatanPrajapati_day42 {
    public static boolean arrayFun(int[] array1, int[] array2, int size1, int size2) {
        if (size1 != size2) {
            return false;
        }
        for (int i = 0; i < size1; i++) {
            if (array1[i] != array2[i]) {
                return false;
            }
        }
        return true;
    }
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
```

```
System.out.println("Enter the size of first array :");
int array1_size = sc.nextInt();
System.out.println("Enter the size of second array :");
int array2_size = sc.nextInt();
int[] array1 = new int[array1_size];
int[] array2 = new int[array2_size];
System.out.println("Enter elements of first array :");
for (int i = 0; i < array1_size; i++) {
    array1[i] = sc.nextInt();
}
System.out.println("Enter elements of second array :");
for (int i = 0; i < array2_size; i++) {
    array2[i] = sc.nextInt();
}

if (arrayFun(array1, array2, array1_size, array2_size)) {
    System.out.println("Same");
} else {
    System.out.println("Not Same");
}
}
```