```java
1  mport java.util.*;
2
3  ublic class Main {
4
5    public static void main(String[] args) throws E
6
7      Scanner sc = new Scanner(System.in);
8      System.out.println("Author:K.Anushka \nSAP ID
9      System.out.println("Enter the first string:")
10     String input = sc.nextLine();
11
12     System.out.println("Enter the second string:"
13     String rotation = sc.nextLine();
14
15     if (checkRotatation(input, rotation)) {
16       System.out.println(input + " and " + rotati
17           + " are rotation of each other");
18     } else {
19       System.out.println("they are not rotation o
20     }
21
22     sc.close();
23   }
24
25   public static boolean checkRotatation(String or
26     if (original.length() != rotation.length()) {
27       return false;
28     }
29
30     String concatenated = original + original;
31
```

```java
import java.util.Arrays;

class Main
{
    public static void swap(int[] arr, int a, int
    {
        int temp = arr[a];
        arr[a] = arr[b];
        arr[b] = temp;
    }

    public static void bubbleSort(int[] arr, int
    {
        for (int a = 0; a < x - 1; a++) {
            if (arr[a] > arr[a + 1]) {
                swap(arr, a, a + 1);
            }
        }
        if (x - 1 > 1) {
            bubbleSort(arr, x - 1);
        }
    }

    public static void main(String[] args)
    {
        int[] arr = { 3, 5, 8, 4, 1, 9, -2 };

        bubbleSort(arr, arr.length);

        System.out.println("Author:K.Anushka\nSAP
        System.out.println(Arrays.toString(arr));
    }
}
```

```
✕  Terminal                                    ⧉

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[-2, 1, 3, 4, 5, 8, 9]


Process finished.
```