```java
import java.util.*;

public class Main {

  public static void main(String[] args) throws Exception {

    Scanner sc = new Scanner(System.in);
    System.out.println("Author:K.Lokesh\nSAP ID:51834512");
    System.out.println("Enter the first string:");
    String input = sc.nextLine();

    System.out.println("Enter the second string:");
    String rotation = sc.nextLine();

    if (checkRotatation(input, rotation)) {
      System.out.println(input + " and " + rotation
                         re rotation of each other");
```

Make public 🌐

```java
16      System.out.println(input + " and " + rotation
17          + " are rotation of each other");
18    } else {
19      System.out.println("they are not rotation of another");
20    }
21
22    sc.close();
23  }
24
25  public static boolean checkRotatation(String original, String rotation) {
26    if (original.length() != rotation.length()) {
27      return false;
28    }
29
30    String concatenated = original + original;
31
      tenated.indexOf(rotation) != -1) {
      true;
```

File info ⓘ

```java
25  public static boolean checkRotatation(String original, String rotation) {
26    if (original.length() != rotation.length()) {
27      return false;
28    }
29
30    String concatenated = original + original;
31
32    if (concatenated.indexOf(rotation) != -1) {
33      return true;
34    }
35
36    return false;
37  }
38 }
```

File info ⓘ

```
Author:K.Lokesh
SAP ID:51834512
Enter the first string:
ABC
Enter the second string:
CAB
ABC and CAB are rotation of each other

Process finished.
```

```java
import java.util.Scanner;
class Main
{
    public static int[] replaceNum(int num,int length, int num1)
    {
        int d[]=new int[length];
        for(int i=0;i<length;i++)
        {
            d[i]=num%10;
            num=num/10;
        }
        for(int i=0;i<length;i++)
        {
            if(d[i]==num1)
            {
                d[i]=10;
```

```
15          {
16              d[i]=10;
17
18          }
19      }
20      return d;
21  }
22  public static int length(int num)
23  {
24      int length=0;
25      int temp=num;
26      while(temp>0)
27      {
28          temp=temp/10;
29          length++;
30      }
```

Try Dcoder's keyboard ⌨

ain (String[] args) {

```java
31          return length;
32      }
33      public static void main (String[] args) {
34          Scanner sc=new Scanner(System.in);
35          System.out.println("Author:K.Lokesh\n Sap id :51834512");
36          System.out.print("\nEnter a number: ");
37          int n=sc.nextInt();
38          System.out.print("Enter a number to removed: ");
39          int num1=sc.nextInt();
40          int length=length(n);
41          int[]d=replaceNum(n, length, num1 );
42          System.out.println("\nNumber after the digit is removed...");
43          for(int i=length-1;i>=0;i--)
44          {
45              if(d[i]<10)
46              System.out.print(d[i]);
```

```
39        int num1=sc.nextInt();
40        int length=length(n);
41        int[]d=replaceNum(n, length, num1 );
42        System.out.println("\nNumber after the digit is removed...");
43        for(int i=length-1;i>=0;i--)
44        {
45            if(d[i]<10)
46            System.out.print(d[i]);
47        }
48    }
49 }
```

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```
Terminal                                    ⬚

Author:K.Lokesh
 Sap id :51834512

Enter a number: 453
Enter a number to removed: 5

Number after the digit is removed...
43
Process finished.
```