

Write a Java Program to determine whether one string is a rotation of another.

```
public class Main {  
  
    public static boolean checkRotation(String st1, String st2) {  
  
        if (st1.length() != st2.length()) {  
  
            return false;  
  
        }  
  
        String st3 = st1 + st1;  
  
        if (st3.contains(st2))  
  
            return true;  
  
        else  
  
            return false;  
  
    }  
  
  
    public static void main(String[] args) {  
  
        String str1 = "avajava";  
  
        String str2 = "javaava";  
  
        System.out.println("Checking if a string is rotation of another");  
  
        if (checkRotation(str1, str2)) {  
  
            System.out.println("Yes " + str2 + " is rotation of " + str1);  
  
        } else {  
  
            System.out.println("No " + str2 + " is not rotation of " + str1);  
  
        }  
  
    }  
  
}
```

```
Main.java
1 public class Main {
2     public static boolean checkRotation(String st1, String st2) {
3         if (st1.length() != st2.length()) {
4             return false;
5         }
6         String st3 = st1 + st1;
7         if (st3.contains(st2))
8             return true;
9         else
10            return false;
11    }
12
13    public static void main(String[] args) {
14        String str1 = "abcde";
15        String str2 = "deabc";
16        System.out.println("Checking if a string is rotation of another");
17        if (checkRotation(str1, str2)) {
18            System.out.println("Yes " + str2 + " is rotation of " + str1);
19        } else {
20            System.out.println("No " + str2 + " is not rotation of " + str1);
21        }
22    }
23 }
```

Input

```
Checking if a string is rotation of another
Yes deabc is rotation of abcde

..Program finished with exit code 0
Press ENTER to exit console.
```