

```

1  import java.util.*;
2  import java.util.stream.*;
3  import java.lang.*;
4  public class TEST{
5
6
7  static int findRotations(String str) {
8      String tmp = str + str;
9      int n = str.length();
10     for (int i = 1; i <= n; i++) {
11         String substring = tmp.substring(i, str.size());
12         if (str.equals(substring)) return i;
13     }
14     return n;
15 }
16
17 public static void main(String args[]) {
18     try{
19         String str = "computer";
20         int exp_out = 8;
21
22         int act_out = findRotations(str);
23
24         if(act_out == exp_out) System.out.println("OK");
25         else {
26             System.out.print("Expected Output: {outputs}\nActual Output:");
27             System.out.print(act_out);
28             System.out.print("\nExpected output and actual output are not equal!");
29         }
30
31     } catch(Exception e){
32         System.out.print("Runtime Error:");
33         e.printStackTrace();
34     }
35 }
36 }

```

Fig. A1. tmp.java