Writing a program in Java for array rotation

```
package p4;
class RotateArray {
           public void rotate(int[] num, int k) {
                      if (k > num.length)
                                 k = k % num.length;
                      int[] result = new int[num.length];
                      for (int i = 0; i < k; i++) {</pre>
                                  result[i] = num[num.length - k + i];
                      int j = 0;
                       for (int i = k; i < num.length; i++) {</pre>
                                  result[i] = num[j];
                                  j++;
                      System.arraycopy(result, 0, num, 0, num.length);
           }
}
public class ArrayRotation {
           public static void main(String[] args) {
                      RotateArray r = new RotateArray();
                      int arr[] = { 1, 2, 3, 4, 5, 6, 7 };
                      r.rotate(arr, 5);
                      for (int i = 0; i < arr.length; i++) {</pre>
                                  System.out.print(arr[i] + " ");
           }
  □ Spyfilejava () Copyfilejava () Collegjava () FirstSortjava () TryCatchjava () LongestSubSe... () Abstractjava () Problems () Jackage p4;
                                                                                                      erminated> ArrayRotation [Java Application] C\Users\saibh\Downloads\sts-4.15.1.RELE @ 4 5 6 7 1 2

    → ImpOfArrays,java
    → ImpOfArrays,java

                                       RegExp.java
     # p3
→ ② DemoBikeBasic.java
     DemoBikeBasic.java

DemoCust.java

DemoFinally.java

DemoNew.java

DemoPolyMul.java
                                              int j = 0;
for (int i = k; i < num.length; i++) {
    result[i] = num[j];
    j++;</pre>
      DemoThrow.java
      DemoThrows.iava

    ☑ DemoThrows,java
    ☑ Diamond,java
    ☑ FirstSort,java
    ☑ LongestSubSeq.java
    ☑ MyRunnableThread,java
    ☑ MyThread,java

                                               System.arraycopy(result, 0, num, 0, num.length);
                                      19
20 public class ArrayRotation {
11= public static void main(string[] args) {
12= RotateArray r = new RotateArray();
13= int arr[] = {1, 2, 3, 4, 5, 6, 7};
14= r.rotate(arr, 5);
15= for (int i = 0; i < arr.length; i++) {
16= System.out.print(arr[i] + " ");
17= 1</pre>
      SleepAndWait.java
      SynchronisationDemo.java
      TryCatch.java
   Type tags, projects, or working set names to match (incl. \mbox{$^{\star}$} and ? wild
  local
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```