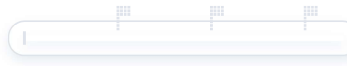


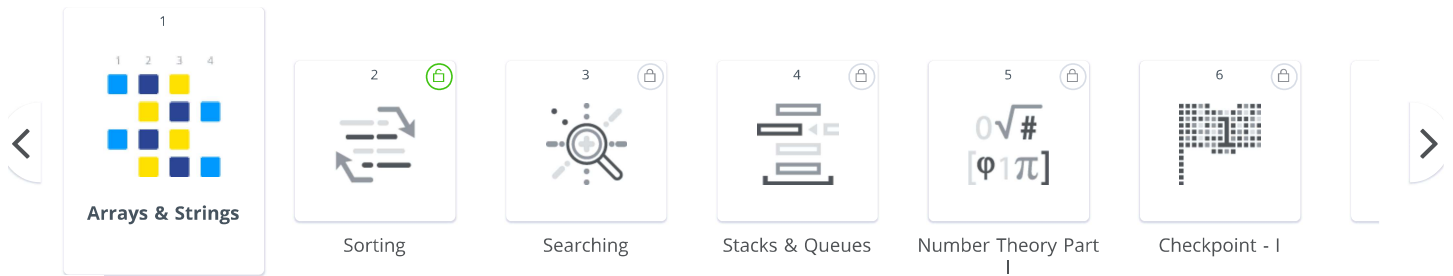


Codemonk

Points earned: 30



5 more topics to get your first badge

[← Back](#)[Previous Question](#)[Next Question](#)

Monk and Rotation

Monk loves to perform different operations on arrays, and so being the principal of Hackerearth School, he assigned a task to his new student Mishki. Mishki will be provided with an integer array A of size N and an integer K , where she needs to rotate the array in the right direction by K steps and then print the resultant array. As she is new to the school, please help her to complete the task.

Input:

The first line will consist of one integer T denoting the number of test cases.

For each test case:

- 1) The first line consists of two integers N and K , N being the number of elements in the array and K denotes the number of steps of rotation.
- 2) The next line consists of N space separated integers, denoting the elements of the array A .

Output:

Print the required array.

Constraints:

$$1 \leq T \leq 20$$

$$1 \leq N \leq 10^5$$

$$0 \leq K \leq 10^6$$

$$0 \leq A[i] \leq 10^6$$

Sample Input	Sample Output
<pre>1 5 2 1 2 3 4 5</pre>	<pre>4 5 1 2 3</pre>

Explanation

Here T is 1, which means one test case.

$N = 5$ denoting the number of elements in the array and $K = 2$, denoting the number of steps of rotations.

The initial array is: **1, 2, 3, 4, 5**

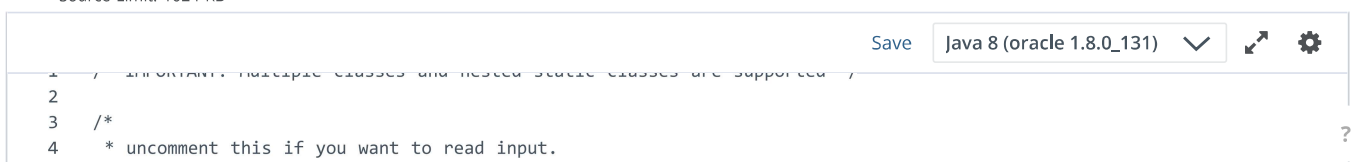
In first rotation, 5 will come in the first position and all other elements will move to one position ahead from their current position. Now, the resultant array will be **5, 1, 2, 3, 4**

In second rotation, 4 will come in the first position and all other elements will move to one position ahead from their current position. Now, the resultant array will be **4, 5, 1, 2, 3**

Time Limit: 1.0 sec(s) for each input file

Memory Limit: 256 MB

Source Limit: 1024 KB



```

5  //imports for BufferedReader
6  import java.io.BufferedReader;
7  import java.io.InputStreamReader;
8
9  //import for Scanner and other utility classes
10 import java.util.*;
11 */
12
13 // Warning: Printing unwanted or ill-formatted data to output will cause the test cases to fail
14
15 class TestClass {
16     public static void main(String args[] ) throws Exception {
17         /* Sample code to perform I/O:
18          * Use either of these methods for input
19
20          //BufferedReader
21          BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
22          String name = br.readLine();          // Reading input from STDIN
23          System.out.println("Hi, " + name + ".");    // Writing output to STDOUT
24
25          //Scanner
26          Scanner s = new Scanner(System.in);
27          String name = s.nextLine();          // Reading input from STDIN

```

1:1 vscode

☒ Provide custom input

COMPILE & TEST

SUBMIT

Resources

Tech Recruitment Blog
 Product Guides
 Developer hiring guide
 Engineering Blog
 Developers Blog
 Developers Wiki
 Competitive Programming
 Start a Programming Club
 Practice Machine Learning

Solutions

Assess Developers
 Conduct Remote Interviews
 Assess University Talent
 Organize Hackathons

Company

About Us
 Press
 Careers

Service & Support

Technical Support
 Contact Us

+1-650-461-4192

contact@hackerearth.com

