Codemonk

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Monk and Rotation

Monk loves to preform 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 consists 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
1 5 2 1 2 3 4 5	4 5 1 2 3

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

Save | Java 8 (oracle 1.8.0_131)

```
1   /* IMPORTANT: Multiple classes and nested static classes are supported */
2
3   /*
4    * uncomment this if you want to read input.
```

```
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

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