9/1/2017 Test results - Codility



Congratulations

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Training ticket

Session

ID: trainingA5R3HS-528
Time limit: 120 min.

Status: closed

Created on: 2017-09-01 16:04 UTC Started on: 2017-09-01 16:04 UTC Finished on: 2017-09-01 16:09 UTC

Tasks in test

 Correctness

100%

Performance

not assessed

Task score

100%

Test score **②**

100%

100 out of 100 points

How likely are you to recommend Codility to your friends and colleagues?

Not at all likely

Extremely likely

X

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Task description

A zero-indexed array A consisting of N integers is given. Rotation of the array means that each element is shifted right by one index, and the last element of the array is also moved to the first place.

For example, the rotation of array A = [3, 8, 9, 7, 6] is [6, 3, 8, 9, 7]. The goal is to rotate array A K times; that is, each element of A will be shifted to the right by K indexes.

Write a function:

```
def solution(A, K)
```

that, given a zero-indexed array A consisting of N integers and an integer K, returns the array A rotated K times.

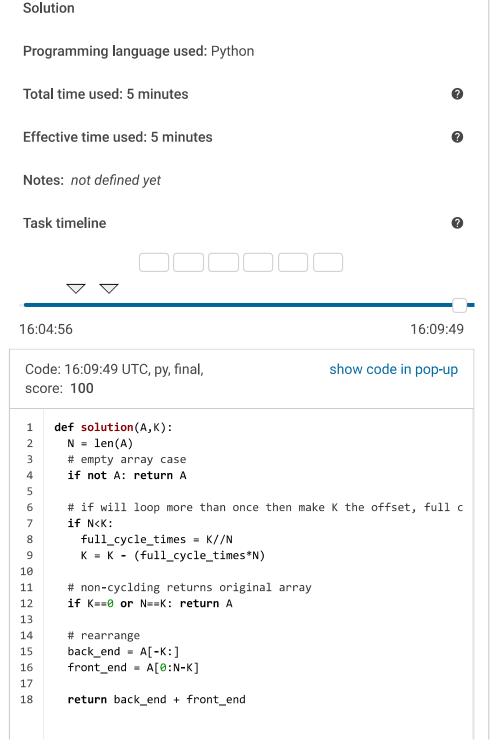
For example, given array A = [3, 8, 9, 7, 6] and K = 3, the function should return [9, 7, 6, 3, 8].

Assume that:

- N and K are integers within the range [0..100];
- each element of array A is an integer within the range [-1,000..1,000].

In your solution, focus on **correctness**. The performance of your solution will not be the focus of the assessment.

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Analysis summary

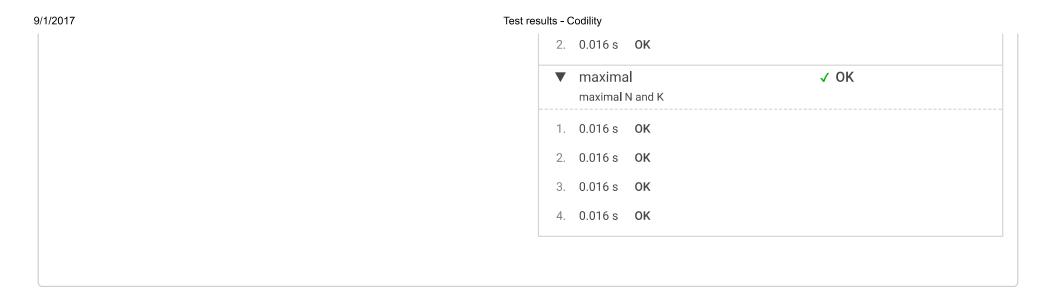
The solution obtained perfect score.

Analysis



collap	se all		Example tests			
•	example example test			√ OK		
1.	0.020 s	ок				
collapse all Correctness tests						
•	extreme_empty empty array			√ OK		
1.	0.016 s	ОК				
2.	0.016 s	ОК				
•	single one elem	ent, 0 <= K <= 5		✓ OK		
1.	0.016 s	ОК				
2.	0.016 s	OK				
3.	0.016 s	ОК				
•	double two elem	ents, K <= N		√ OK		
1.	0.016 s	ОК				
2.	0.016 s	ОК				
•	small1	ctional tests, K <	N	√ OK		
1.	0.016 s	ОК				
2.	0.016 s	ОК				

•	small2 small fund	ctional tests, K >= N	✓ OK			
1.	0.016 s	OK				
2.	0.016 s	OK				
3.	0.016 s	ОК				
•		andom_all_rotations dom sequence, all rotations, N = 15	✓ OK			
1.	0.016 s	ОК				
2.	0.016 s	OK				
3.	0.016 s	OK				
4.	0.016 s	OK				
5.	0.016 s	OK				
6.	0.016 s	OK				
7.	0.016 s	OK				
8.	0.016 s	OK				
9.	0.016 s	OK				
10.	0.016 s	OK				
11.	0.016 s	OK				
12.	0.016 s	OK				
13.	0.016 s	OK				
14.	0.016 s	OK				
15.	0.016 s	OK				
•	medium_random ✓ OK medium random sequence, N = 100					
1.	0.016 s	ОК				



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