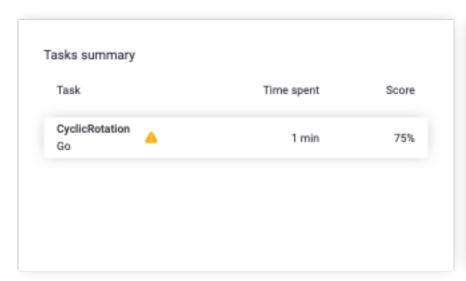
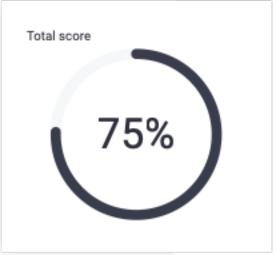
Codility_

CodeCheck Report: trainingZN5SMW-94U

Test Name:

Summary Timeline Check out Co





Tasks Details

1. CyclicRotation

Task Score Rotate an array to the right by a given number of

Correctness

75%

Performance

Not assessed

Task description

steps.

An 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 moved to the first place. For example, the rotation of array A = [3, 8, 9, 7, 6] is [6, 3, 8, 9, 7] (elements are shifted right by one index and 6 is moved to the first place).

The goal is to rotate array A K times; that is, each element of A will be shifted to the right K times.

Write a function:

func Solution(A []int, K int) []int

Solution

Programming language used: Go

75%

Total time used: 1 minutes

Effective time used: 1 minutes

Notes: not defined yet

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Test results - Codility

made:

```
[3, 8, 9, 7, 6] -> [6, 3, 8, 9, 7]
[6, 3, 8, 9, 7] -> [7, 6, 3, 8, 9]
[7, 6, 3, 8, 9] -> [9, 7, 6, 3, 8]
```

For another example, given

$$A = [0, 0, 0]$$

 $K = 1$

the function should return [0, 0, 0]

Given

$$A = [1, 2, 3, 4]$$

 $K = 4$

the function should return [1, 2, 3, 4]

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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```
final, score: 75
 1
     package solution
2
 3
     import "math"
 4
 5
     func rotateRight(A []int, K int) []i
 6
         lastKElementsToPutInFront := A[l
 7
         return append(lastKElementsToPut
     }
8
9
10
     func rotateLeft(A []int, K int) []in
11
         firstKElementsToPutInBack := A[:
12
         return append(A[K:], firstKEleme
13
14
15
     func Solution(A []int, K int) []int
16
         if len(A) == 0 {
17
             return A
18
19
20
         if K >= len(A) {
21
             K = len(A) % K
22
23
         if K == 0 {
24
25
             return A
26
27
         KLeft := len(A) - K
28
29
         minimumK := math.Min(float64(K),
30
31
32
         if minimumK == float64(K) {
33
             return rotateRight(A, K)
34
35
36
         return rotateLeft(A, KLeft)
     }
37
```

Analysis summary

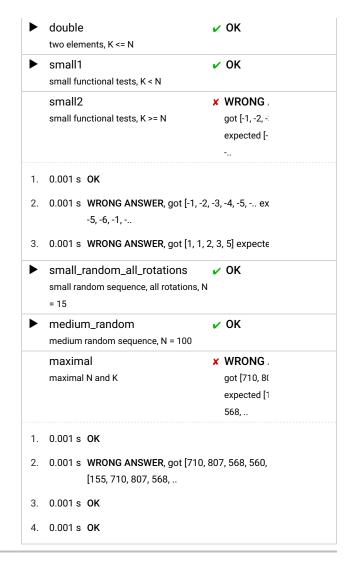
The following issues have been detected: wrong a

For example, for the input ([1, 1, 2, 3, 5], solution returned a wrong answer (got [1, 1, 2, 3, 5 5, 1, 1, 2]).

Analysis

expand all	Example tests
example first example test	∠ OK
example2 second example test	∠ OK

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