

R8

Intermediate Array Questions

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Intermediate Array Questions

989. Add to Array-Form of Integer

Easy

Topics

Companies

The **array-form** of an integer `num` is an array representing its digits in left to right order.

- For example, for `num = 1321`, the array form is `[1,3,2,1]`.

Given `num`, the **array-form** of an integer, and an integer `k`, return the **array-form** of the integer `num + k`.

Example 1:

Input: `num = [1,2,0,0]`, `k = 34`

Output: `[1,2,3,4]`

Explanation: $1200 + 34 = 1234$

Example 2:

Input: `num = [2,7,4]`, `k = 181`

Output: `[4,5,5]`

Explanation: $274 + 181 = 455$

Example 3:

Input: `num = [2,1,5]`, `k = 806`

Output: `[1,0,2,1]`

Explanation: $215 + 806 = 1021$



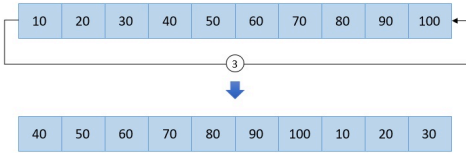
$k = 34$



$k = 806$

Explanation slide

Intermediate Array Question



Example

Input

Input 10 elements in array: 1 2 3 4 5 6 7 8 9 10
Input number of times to rotate: 3

Output

Array after left rotation 3 times: 4 5 6 7 8 9 10 1 2 3

$k = 3$



Explanation slide

Intermediate Array Question

Example

Input

Input size of array: 10

Input elements in array: 10, 12, 20, 25, 13, 10, 9, 40, 60, 5

Output

Element to search is: 25

Element found at index 3

1	2	3	4	5
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$$k = 4$$

Explanation slide

Intermediate Array Question

Example

Input

Input array elements: 1, 10, 20, 1, 25, 1, 10, 30, 25, 1

Output

Total number of duplicate elements = 5

Explanation slide

1	1	2	2	2	3	3	3	3	4
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Thank You!

Please practice more questions and examples as above !!