Lec-8

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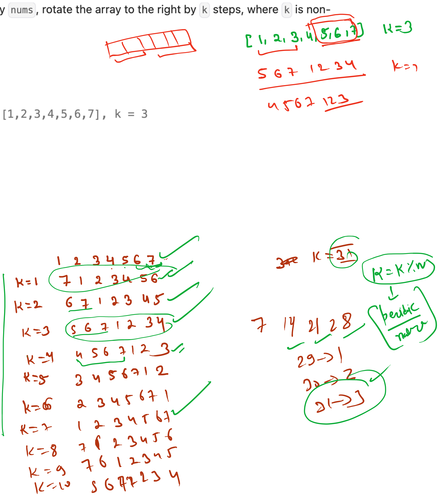
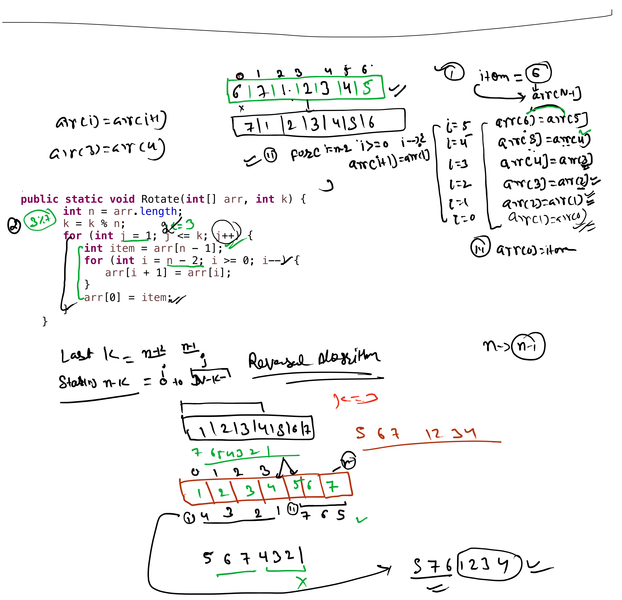
Given an integer array `nums`, rotate the array to the right by `k` steps, where `k` is non-negative.

Example 1:

```
Input: nums = [1,2,3,4,5,6,7], k = 3
```





```
public static void Rotate(int[] arr, int k) {
    int n = arr.length;
    k = k % n;
    for (int i = 1; i <= k; i++) {
        int item = arr[n - 1];
        for (int i = n - 2; i >= 0; i--) {
            arr[i + 1] = arr[i];
        }
        arr[0] = item;
    }
}
```


Given `n` non-negative integers representing an elevation map where the width of each bar is `1`, compute how much water it can trap after raining.