Lec-8

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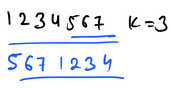
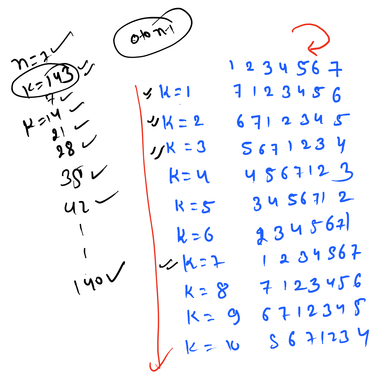
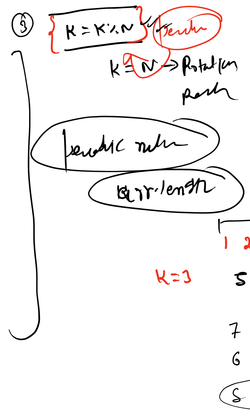
Given an integer array `nums`, rotate the array to the right by `k` steps, where `k` is non-negative.

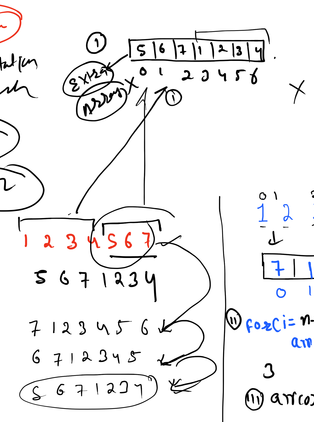
Example 1:

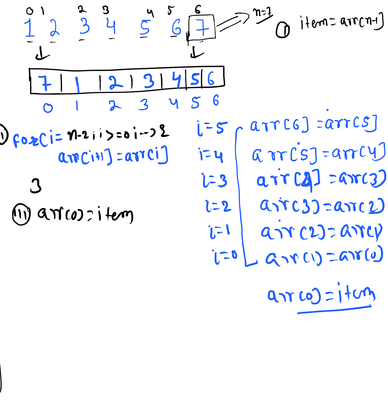
```
Input: nums = [1,2,3,4,5,6,7], k = 3
Output: [5,6,7,1,2,3,4]
Explanation:
rotate 1 steps to the right: [7,1,2,3,4,5,6]
rotate 2 steps to the right: [6,7,1,2,3,4,5]
rotate 3 steps to the right: [5,6,7,1,2,3,4]
```











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