```
SlidesPractice_L1_Array_Diagram
 1. Moving zeros
        1, 0, 2, 0, 3 \Rightarrow 1, 2, 3, 0, 0
       ✓ x ✓ x ✓
         1,0,2,0,3
          two pointers
         i (i: Herate the input away)
           1,0,2,0,3
           j (j: represents the index of result among)
           if (mmsZi) !=0) {
              1 lee nums [j] = nums Ti];
                                                                                        (numstj] = numsti];)
                                                                                          ( j++; )
              1 more j forward
           i (nums [i] = 1)
i (nums [i] = 0)

\frac{1}{2} (\text{numsli]} = 1

\frac{1}{2} (\text{numsli}] = 1

\frac{1}{2} (\text{numsli}] = 0

            i (nnms E \bar{1}] = 3)

i = nums, length

j = nums, length
            } else {
               3 only more i forward until find non-zero element. (Using a for loop)

\frac{1}{2} (nums[i] = 0)

\frac{1}{2} (nums[i] = 1)

           When \hat{v} = nums. length, let all elements in [numstj], nums [nums.length-1]] = 0;
                                                 i >= nums, length
```

2. Rotate Array by K Steps

3 Step reversing (k=3)

Original Amony: [1,2,3,4,5,6,7] (h=7)

O Reverse All: [7,6,5,4,3,2,1]

O Reverse force k: [5,6,7,4,3,2,1]

(3) Reverse lase n-k: [5, 6, 7, 1, 2, 3, 4]