Problem statement

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Given an array ***'arr'*** with ***'n'*** elements, the task is to rotate the array to the left by ***'k'*** steps, where 'k' is non-negative.

Example:

```
'arr '= [1,2,3,4,5]
'k' = 1  rotated array = [2,3,4,5,1]
'k' = 2  rotated array = [3,4,5,1,2]
'k' = 3  rotated array = [4,5,1,2,3] and so on.
```

Detailed explanation (Input/output format, Notes, Images)

Sample Input 1:

```
8
7 5 2 11 2 43 1 1
2
```

Sample Output 1:

```
2 11 2 43 1 1 7 5
```

Explanation of Sample Input 1:

```
Rotate 1 steps to the left: 5 2 11 2 43 1 1 7
Rotate 2 steps to the left: 2 11 2 43 1 1 7 5
```

Sample Input 2:

```
4
5 6 7 8
3
```

Sample Output 2:

```
8 5 6 7
```

Explanation of Sample Input 2:

```
Rotate 1 steps to the left: 6 7 8 5
Rotate 2 steps to the left: 7 8 5 6
Rotate 2 steps to the left: 8 5 6 7
```

Expected Time Complexity:

O(n), where ‘n’ is the size of the array ‘arr’ and ‘k’ is the number of rotations.

Constraints:

```
1 <= 'n' <= 10^3
1 <= 'arr'[i] <= 10^9
1 <= 'k' < 'n'
```

Hints:

1. For an index ‘i’, find where it lands after k swaps.
2. When performing rotation once observe how the positions of all elements change.