Rotate Array By k

$$Ex:-arr[J=(3,-2,1,4,6,9,8),k=3$$

We have to votate the array by k places

lets doserve initial input and final output once,

Output: (6,9,8), 3,-2,1,4)

Observations

① if k=3 → input's last 3
elements came to
Starting &
became first 3
Elements

(Sequence also not changed)

Output: (6,9,8,3,-2,1,4))

Observations

1) if k = 3 $\frac{1}{2}$ leave last 3 Elements and see...

those elements occurred after k elements in the output.

At In reverse Order

So... figure out a way to bring last k Elements to first and first (n-k) Elements to back (as reversed)

Olis answer arrays is Set

- D'Reverse whole array
- 2) Reverse first k-Elements
 - (2) Reverse the elements, which are after k elements

Ex: arr[] = (3, -4, 1, 4, 6, 9, 8), K = 3

(8,9,6,4,1,-2,3) PREVESSE Whole assay

(6,9,8,4,1,-2,3)

2) Reverse first k-Elements

(6,9,8,3,-2,1,4)Step 3:

3 Reverse the elements, which are after k elements

This is owo final array

* Create a reverse function

Which takes array and (L, R)

from where to where array need to be deversed

* Call the reverse function for 2 times

- (1) reverse (arr, 0, n-1) _> whole array reversing
- Dreverse (arr, o, k-1) -> first k-Elements
- 3) reverse (arr, k, n-1) -> best Elements from t