Rotate Array by k times

Ex: arr[] = {3, -2, 1, 4, 6, 9, 8}, k = 3

We have to rotate by 3 places

arr[] = {3, -2, 1, 4, 6, 9, 8}

↓ 1st rotation

{8, 3, -2, 1, 4, 6, 9}

↓ 2nd rotation

{9, 8, 3, -2, 1, 4, 6}

↓ 3rd rotation

{6, 9, 8, 3, -2, 1, 4, 6}

→ we have to return this array

// optimal Idea

① Reverse whole array

② Reverse first K-Elements

③ Reverse the elements after k elements

Ex: {3, -2, 1, 4, 6, 9, 8}, k=3

reverse whole array

{8, 9, 6, 4, 1, -2, 3}

reverse first 3 elements

{6, 9, 8, 4, 1, -2, 3}

reverse elements after 3 elements

{6, 9, 8, 3, -2, 1, 4} → final array