=>Dutch Flag

arr=[0,1,2,1,2,0,1,0,1,2,0,2,2,1,0,0,1,0]

# swap only 0 and 2

low,mid,high=0,0,len(arr)-1

while mid<=high:

if arr[mid]==0:

arr[low],arr[mid]=arr[mid],arr[low]

low+=1

mid+=1

elif arr[mid]==1:

mid+=1

else:

arr[mid],arr[high]=arr[high],arr[mid]

high-=1

print(arr)

=>Rotate array

arr = [1, 2, 3, 4, 5, 6, 7]

k = 3

t = len(arr) - k

arr[0:t] = arr[0:t][::-1]

arr[t:t+k] = arr[t:t+k][::-1]

arr[::]=arr[::-1]

print(arr)