```
K=3
   @ reverse (arr, 0, arr.length - 12-1);
       [4;3,2,1,5,6,7]
  · reverse (arr, arr. length - K, arr. length - 1);
     [4,3,2,1,7,6,5]
   · reverse (avr, 0, arr.length-1);
    3[5,6,7,1,2,3,4]
 public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();
    int[] arr = new int[n];
    for(int i=0;i<arr.length;i++){
       arr[i]= scn.nextInt();
    int k= scn.nextInt();
    reverse(arr, 6, arr, length-k-1);
O(W)reverse(arr,0,arr.length-1);
n reverse(arr, arr, length-k, arr, length-1); \
    for(int i=0;i<arr.length;i++){
       System.out.print(arr[i]+" ");
    /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be na
 public static void reverse(int[] arr, int left, int right){
    while(left<right){
      cint temp = arr[left];
      arr[left] = arr[right];
       arr[right] = temp;
       left++;
        right--;
                          =3 (o(n) = TC = O(n)
```

```
new array
       Scanner scn = new Scanner(System.in);
       int n = scn.nextInt();
       int[] arr = new int[n];
       for(int l=0;l<n;l++){
           arr[l] = scn.nextInt();
       int[] ans = new int[arr.length];
```

```
int k =0;
int i=0;
int j= arr.length/2;
while(k<ans.length){
    if(k%2==0){
       ans[k]=arr[i];
        i++;
    }else{
       ans[k]=arr[j];
        j++;
    k++;
}
for(int l =0; l < ans.length; l++) {
    System.out.print(ans[l]+" ");
/* Enter your code here. Read input from STDIN. Print out;
```

```
Sout O, 1
         ary = [0,0,1,1,1,0,1,0]
          an = [0,0,0,0,1,1,1,1,1]
* No Exted
                while ( I x an. lugar) of
                 [ arr [j] == 0) {
Swap(i,j); }
1++;
                                       12
               0's
```

```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();
    int[] arr = new int[n];
    for(int l=0; l<n; l++) {
        arr[l] = scn.nextInt();
    int i=0;
   int j=0;
   while(j<arr.length){
       if(arr[j]==0){
            int temp = arr[i];
            arr[i]=arr[j];
            arr[j]= temp;
            i++;
            j++;
       }else{
            j++;
   }
    for(int l=0;l<arr.length;l++){
        System.out.print(arr[l]+" ");
    /* Enter your code here. Read input from STDIN. Print output to ST
}
```

```
am = [0, 1, 1, 2, 0, 2, 0, 1, 0, 2]
 Question
        Sol= [0,0,0,0,1,1,1,2,2]
# 807 flas
                itt, 5 tt; [0000
           Yelse i) ( anr [5] = 1) of ]
            beland swap (J, K)
```

```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
   int n = scn.nextInt();
    int[] arr = new int[n];
   for(int l=0;l<n;l++){
        arr[l] = scn.nextInt();
    }
   int i =0;
   int j=0;
   int k=arr.length-1;
   while(j<=k){
        if(arr[j]==0){
            swap(arr,i,j);
            j++;
            j++;
        }else if(arr[j]==1){
            j++;
        }else{
           swap(arr,j,k);
            k--;
        }
    }
   for(int l=0;l<arr.length;l++){
        System.out.print(arr[l]+" ");
   /* Enter your code here. Read input from STDIN. Print ou
public static void swap(int[] arr, int left, int right){
   int temp = arr[left];
    arr[left] = arr[right];
    arr[right] = temp;
```