MCT

HackerRank - 6 Q - 10 → 6 → 8-12

Live Interview → 3 Q → 30 → 1 hour

20 min - per Q.

[→ Camera On
→ Screen Share]

form → Day - Sat, Sun [Sun 12]

Time - 10 - 5

→ English - 100%
10-30
80-20

[passing 60%]

→ Ques. understanding
→ Approach
→ Code
→ code explain dry run
→ Time complexity.

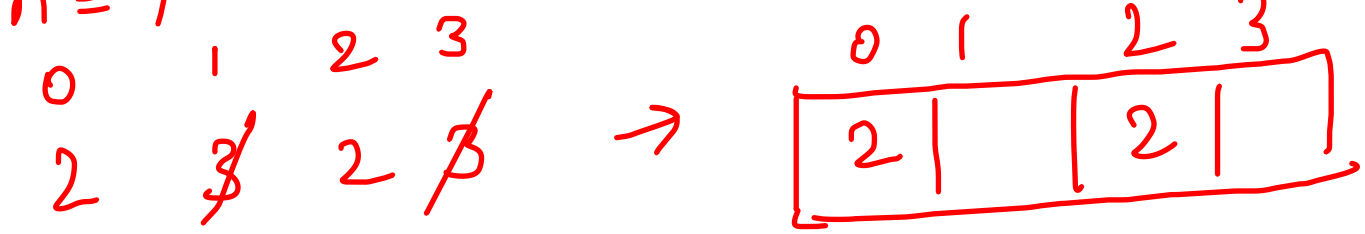
10 → 6

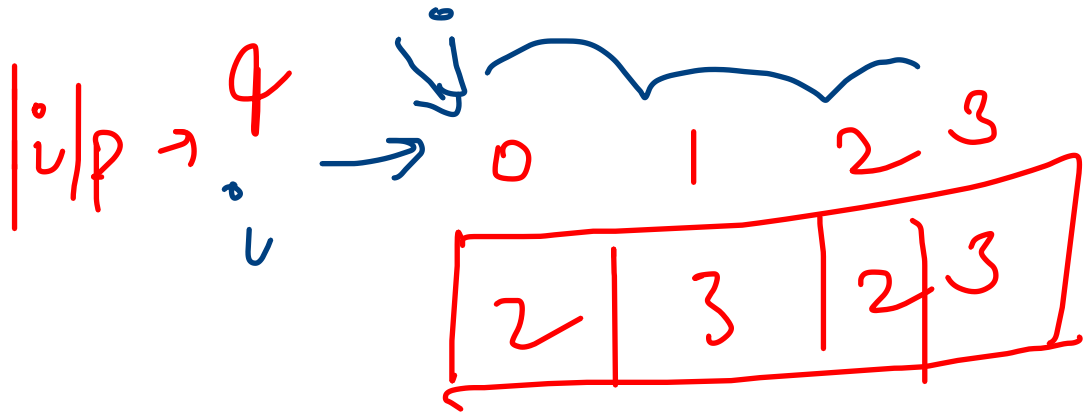
6/10

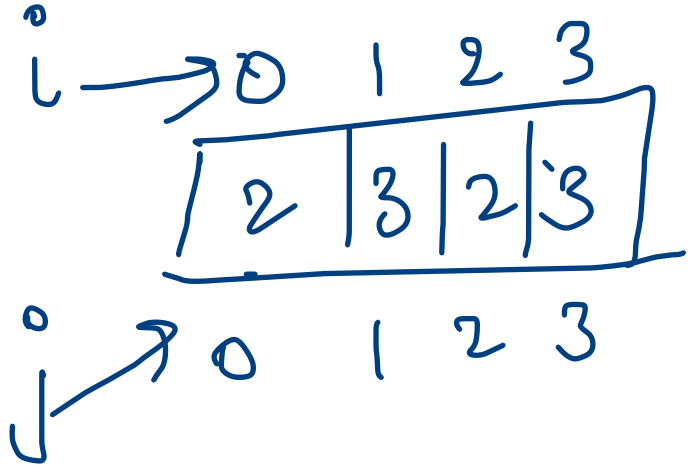
10/10

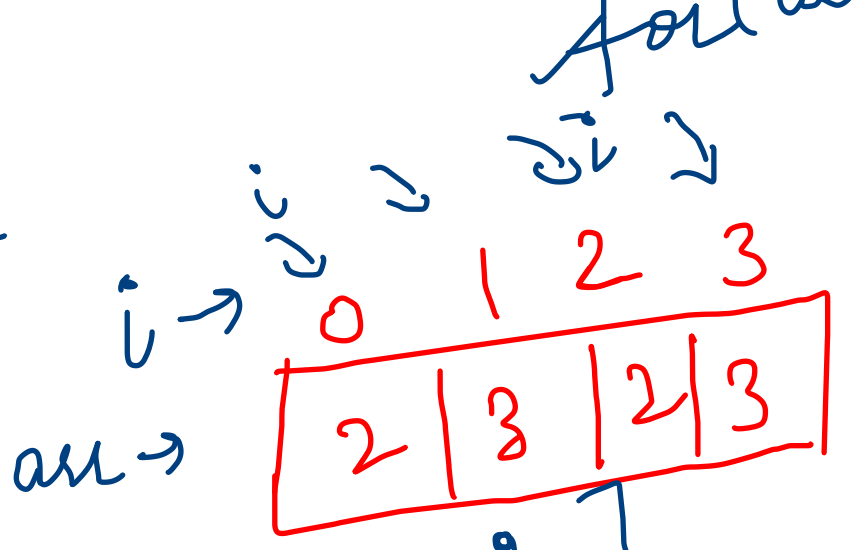
n = 4

val = 3









o/p → 2

for(int i=0 ———){

for(int j=0; ----)

i=0, i+p

k=0; k++

(2) != 3 T ✓ 0th

3 != 3F 3 != 3P

2 != 3T

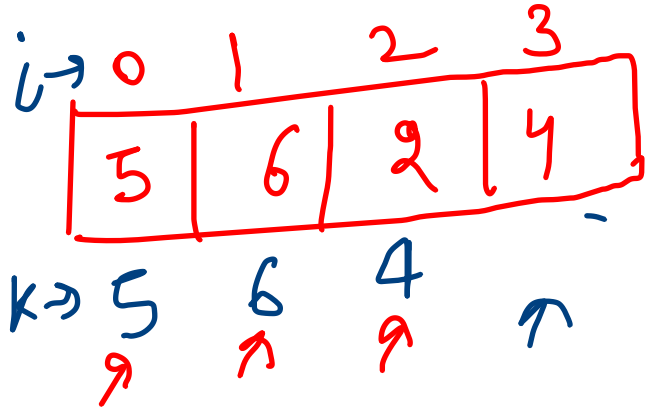
arr[k] = arr[i] =

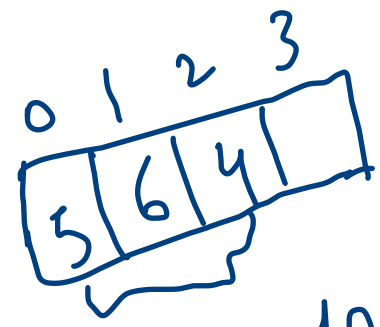
return k → (2)

```java
    Scanner s = new Scanner(System.in);
    int n = s.nextInt();
    int arr[] = new int[n];
    for(int i = 0; i < n ;i++){
        arr[i] = s.nextInt();
    }
    int val = s.nextInt();

    int k = remove(arr, val);
    System.out.println(k);
}

    public static int remove(int []arr, int val){
        int k = 0;
        for(int i = 0; i < arr.length; i++){
            if(arr[i] != val){
                arr[k] = arr[i];
                k++;
            }
        }
        return k;
```

arr = 5 6 2 4 val=2

k=0





3→o/p

i=0<4 T

arr[0] 5!=2 T

i=1<4 T

arr[1] = 6 !=2 T

i=2<4 T

arr[2]=2!=2 F

i=3<4 T

arr[3]=4

4!=2 T

0000

ex] <= 100000

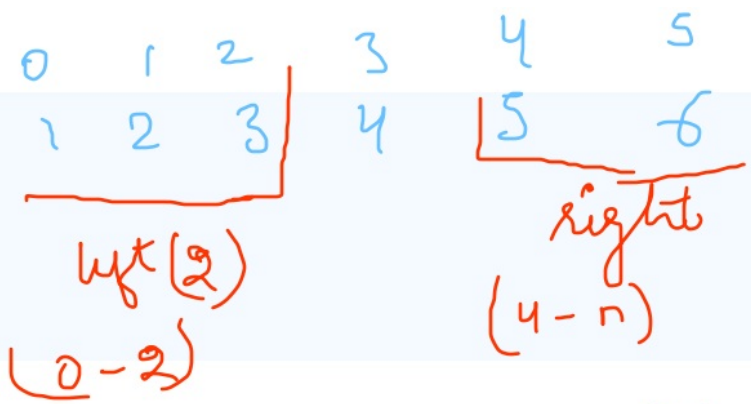
right <n

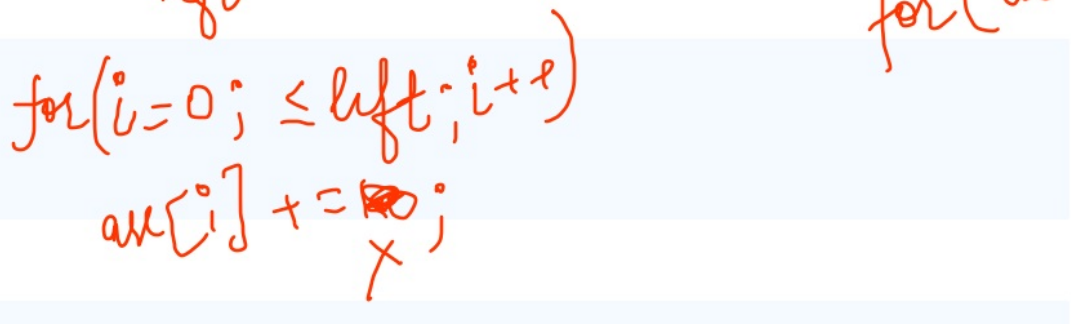
0000

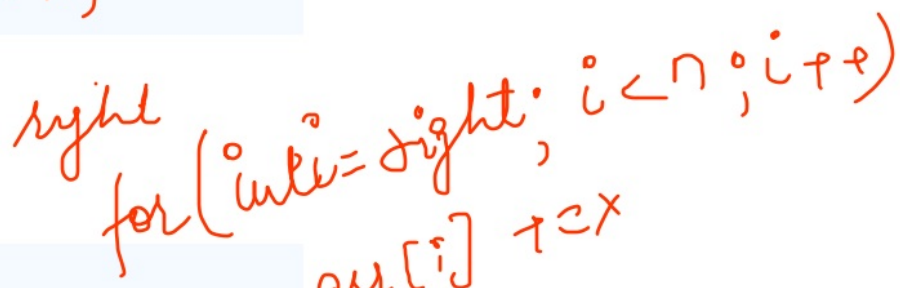
ining **updated** value of array.

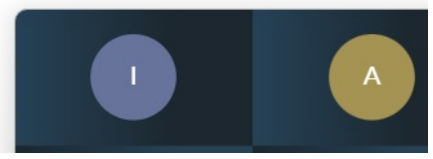
)

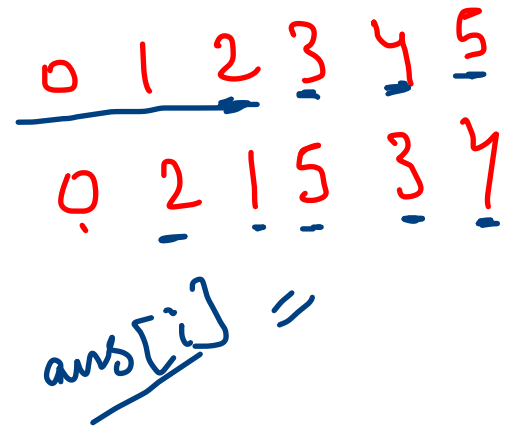
```
6
0 2 1 5 3 4
```





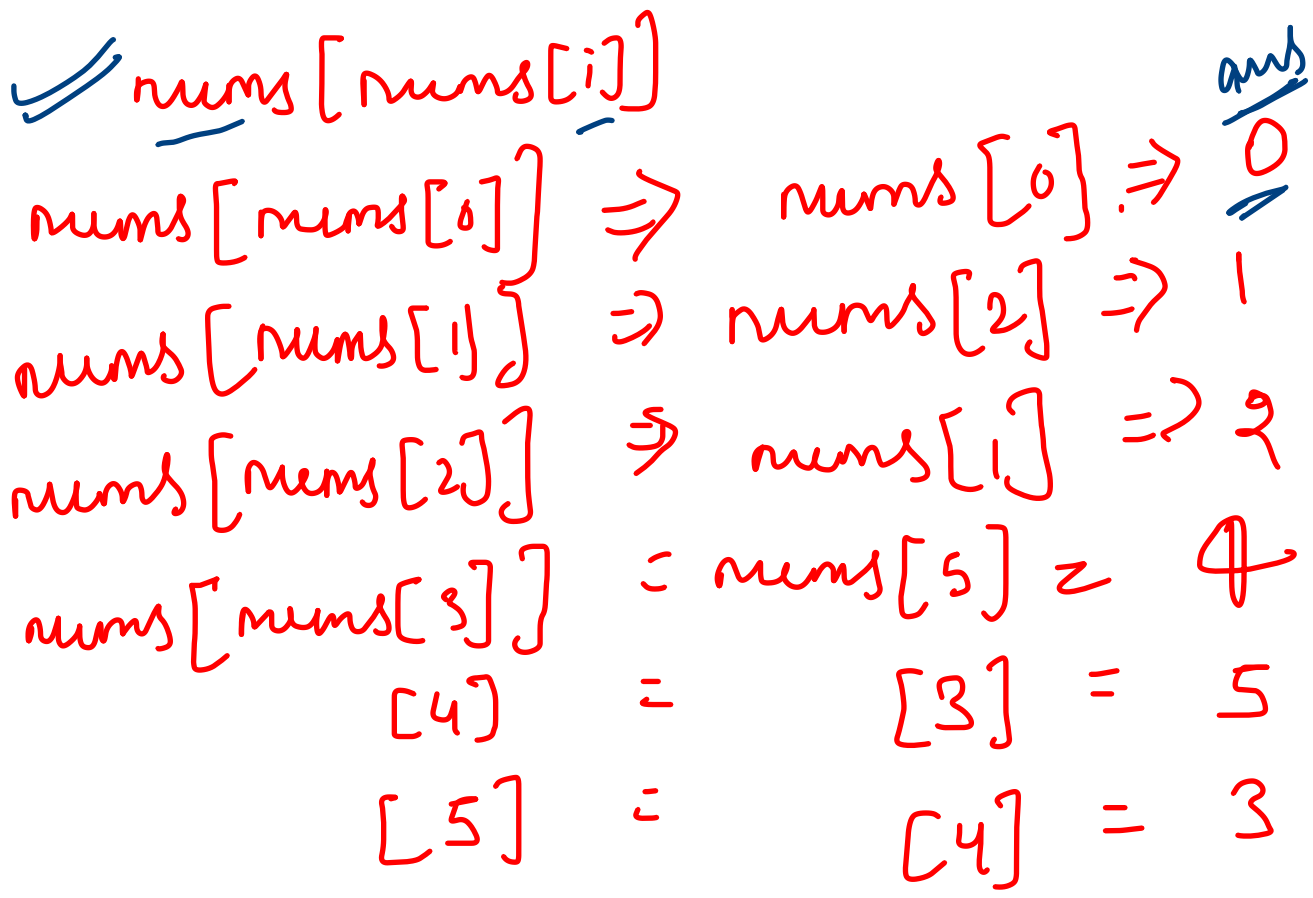






op

0 1 2 4 5 3



```
        // take input

        int ans[] = ansArray(nums);

        for(){
            Syso(ans);
        }
    }
        public static int[] ansArray(int nums[]){
            int ans[] = new int[nums.length];

            for(int i =0; i < nums.length; i++){
                ans[i] = nums[nums[i]];
            }
            return ans;
        }
}
```