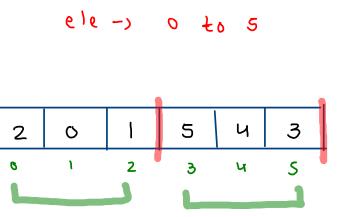
769. Max Chunks To Make Sorted

You are given an integer array arr of length n that represents a permutation of the integers in the range [0, n - 1].

```
for(int i=0; i < arr.length;i++) {
    maxR = Math.max(maxR,arr[i]);

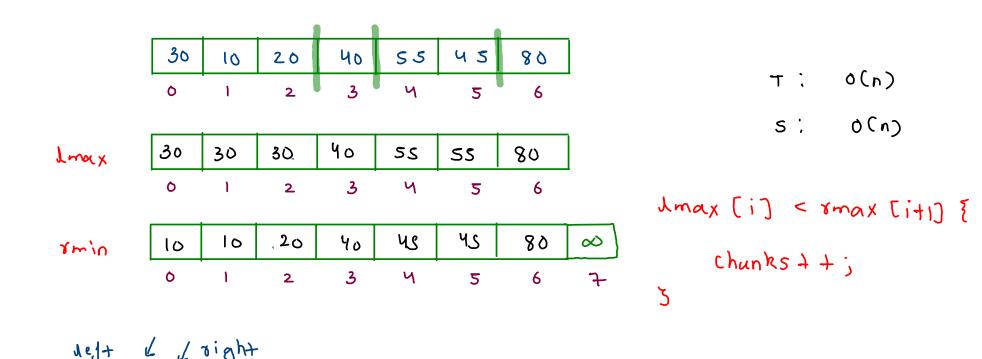
    if(maxR == i) {
        chunks++;
    }
}</pre>
```

maxR



2/ 5

768. Max Chunks To Make Sorted II



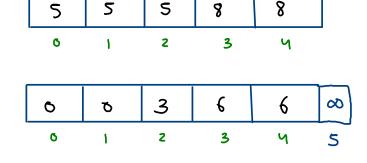
```
lmax[0] = arr[0];
                                                                                                                          65
                                                                                           50
                                                           45
                                                                  20
                                                                           10
                                                                                  30
                                                                                                    48
for(int i=1; i < arr.length;i++) {</pre>
                                                                            2
   lmax[i] = Math.max(lmax[i-1],arr[i]);
rmin[arr.length] = Integer.MAX_VALUE;
                                            Imax
                                                           45
                                                                          45
                                                                                           50
                                                                                                                    68
                                                                                                                           (8
                                                                  45
                                                                                                    50
                                                                                                            50
for(int i=arr.length-1; i >= 0;i--) {
                                                            0
   rmin[i] = Math.min(rmin[i+1],arr[i]);
                                                                           2
                                                                                            4
int chunks = 0;
                                                                                                                                ∞
                                                                                            46
                                                                                                             46
                                                                                                                    63
                                                                                    30
                                                                                                    46
                                                                                                                           65
                                                            10
                                                                           10
                                                                   10
for(int i=0; i < arr.length;i++) {</pre>
                                            nimo
   if(lmax[i] <= rmin[i+1]) {
                                                             0
                                                                                    3
                                                                            2
                                                                                             4
                                                                                                      5
                                                                                                                                 a
       chunks++;
```

915. Partition Array into Disjoint Intervals

Given an integer array nums, partition it into two (contiguous) subarrays left and right so that:

- Every element in left is less than or equal to every element in right.
- left and right are non-empty.
- left has the smallest possible size.

Q TY;



7 3 9 5 10 1 15 16 19 14 30

(). travel dest to right, dmax.

(2). Potential answer -> pa