Numbers smaller than current number : LC - 1365

Input: nums = [8,1,2,2,3]

Output: [4,0,1,1,3]

CODE :

class Solution {

    public int[] smallerNumbersThanCurrent(int[] nums) {

         int arr[] = new int[nums.length];

        for(int i=0;i<nums.length;i++){

            int count =0;

            for(int j = 0;j<nums.length;j++){

                if(nums[i] > nums[j]){

                    count++;

                }

            }

            arr[i] = count;

        }

        return arr;

    }

}

OUTPUT :

A screenshot of a computer

Description automatically generated with medium confidence

Max Chunks To Make Sorted : LC - 769

Input: arr = [4,3,2,1,0]

Output: 1

CODE :

class Solution {

    public int maxChunksToSorted(int[] arr) {

        int max = Integer.MIN\_VALUE;

        int expectedMax = -1;

        int chunks = 0;

        for(int i=0;i<arr.length;i++){

            expectedMax = i;

            max = Math.max(max,arr[i]);

            if(expectedMax == max){

                chunks++;

                max = Integer.MIN\_VALUE;

            }

        }

        return chunks;

    }

}

OUTPUT :

A picture containing screenshot, text, multimedia software, software

Description automatically generated