

# Engineering Animuthyam

## Java DSA – Course Part - 35

### Sliding Window or Two pointers

Course Link:

<https://www.youtube.com/playlist?list=PLjzLBp9HHZWWhVXBSPS1VqxXXDoVk07gd9>

Website Link:

<https://www.vigneshreddyjulakanti.in/>

Hello machas, Bagunnara

## Variable Size Sliding Window.

Leetcode Problem

2024. Maximize the Confusion of an Exam

<https://leetcode.com/problems/maximize-the-confusion-of-an-exam/>

```
public int longestones(int[] nums, int k) {  
    int l=0;  
    int ans = 0;  
    int temp = 0;  
    int n= nums.length;  
    int cnt1 = 0;  
    int cnt0 = 0;  
    for(int r=0;r<n;r++){  
        if(nums[r]==0){  
            cnt0+=1;  
        }else{  
            cnt1+=1;  
        }  
  
        while(Math.min(cnt0,cnt1)>k){  
            if(nums[l]==0){  
                cnt0-=1;  
            }else{  
                cnt1-=1;  
            }  
            l++;  
        }  
  
        ans = Math.max(ans,r-l+1);  
    }  
    return ans;  
}
```

```
public int maxConsecutiveAnswers(String answerKey, int k) {  
    int l=0;  
    int ans = 0;  
    int temp = 0;  
    int n= answerKey.length();  
    int cntt = 0;  
    int cntf = 0;  
    for(int r=0;r<n;r++){  
        if(answerKey.charAt(r)=='F'){  
            cntf+=1;  
        }else{  
            cntt+=1;  
        }  
  
        while(Math.min(cntf,cntt)>k){  
            if(answerKey.charAt(l)=='F'){  
                cntf-=1;  
            }else{  
                cntt-=1;  
            }  
            l++;  
        }  
  
        ans = Math.max(ans,r-l+1);  
    }  
    return ans;  
}
```