

# Engineering Animuthyam

## Java DSA – Course Part - 34

### 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

#### 1004. Max Consecutive Ones III

<https://leetcode.com/problems/max-consecutive-ones-iii/description/>

```
class Solution {
    public int longestOnes(int[] nums, int k) {
        int l=0;
        int ans = 0;
        int temp = 0;
        int n= nums.length;
        for(int r=0;r<n;r++){
            if(nums[r]==0){
                temp+=1;
            }

            while(temp>k){
                if(nums[l]==0){
                    temp-=1;
                }
                l++;
            }

            ans = Math.max(ans,r-l+1);
        }
        return ans;
    }
}
```