

# Engineering Animuthyam

## Java DSA – Course Part - 27

## Sliding Window and Two Pointers

Course Link:

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

Website Link:

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

Hello machas, Bagunnara.

### Leetcode Problem

#### 1876. Substrings of Size Three with Distinct Characters

<https://leetcode.com/problems/substrings-of-size-three-with-distinct-characters/description/>

```

class Solution {
    public int countGoodSubstrings(String s) {
        HashMap <Character,Integer> hm = new HashMap<>();
        int n=s.length();
        int ans = 0;
        int l =0;
        for(int r=0;r<n;r++){
            char ch = s.charAt(r);
            hm.put(ch,hm.getOrDefault(ch,0)+1);
            if(r-l==3){
                char pch = s.charAt(l);
                hm.put(pch,hm.get(pch)-1);
                if(hm.get(pch)==0){
                    hm.remove(pch);
                }
                l++;
            }
            if(hm.size()==3){
                ans+=1;
            }
        }
        return ans;
    }
}

```