

Engineering Animuthyam

Java DSA – Course Part - 37

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.

904. Fruit Into Baskets

<https://leetcode.com/problems/fruit-into-baskets/description/>

```
class Solution {
    public int totalFruit(int[] fruits) {
        int n = fruits.length;
        int l = 0;
        HashMap <Integer,Integer> hm = new HashMap<>();
        int ans = 0;
        for(int r=0;r<n;r++){
            int val = fruits[r];
            hm.put(val,hm.getDefault(val,0)+1);

            while(hm.size()>2){
                int lval= fruits[l];
                hm.put(lval,hm.get(lval)-1);
                if(hm.get(lval)==0){
                    hm.remove(lval);
                }
                l++;
            }

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