

Engineering Animuthyam

Java DSA – Course. Part - 50

Binary Search

Course Link:

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

Website Link:

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

Hello machas, Bagunnara

1482. Minimum Number of Days to Make m Bouquets

<https://leetcode.com/problems/minimum-number-of-days-to-make-m-bouquets/description/>

```

class Solution {
    public boolean isPossible(int[] bloomDay, int m, int k, int d){
        int took = 0;
        for(int i = 0 ; i< bloomDay.length; i++){
            if(d >= bloomDay[i]){
                took++;
            }else{
                took = 0;
            }
            if(took == k){
                m-=1;
                took = 0;
            }

            if( m == 0){
                return true;
            }
        }
        return false;
    }

    public int minDays(int[] bloomDay, int m, int k) {
        int tempr = (int)Math.pow(10,9);
        int l = 1;
        int r = tempr;
    }
}

```

```
}  
public int minDays(int[] bloomDay, int m, int k) {  
    int tempr = (int)Math.pow(10,9);  
    int l = 1;  
    int r = tempr;  
    while(l<=r){  
        int mid =l + (r-l)/2;  
        System.out.println(mid);  
        if(isPossible(bloomDay,m,k,mid)){  
            r = mid - 1;  
        }else{  
            l = mid + 1;  
        }  
    }  
    if(l == tempr+1){  
        return -1;  
    }  
    return l;  
}
```