

Engineering Animuthyam

Java DSA – Course. Part - 54

Binary Search

Course Link:

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

Website Link:

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

Hello machas, Bagunnara

1760. Minimum Limit of Balls in a Bag

<https://leetcode.com/problems/minimum-limit-of-balls-in-a-bag/description/>

```
class Solution {
    public boolean isPossible(int[] nums,int maxOperations,int k){
        for(int i =0;i< nums.length;i++){
            int temp = nums[i]/k;
            if(nums[i]%k == 0 ){
                temp-=1;
            }
            maxOperations-=temp;
            if(maxOperations<0){
                return false;
            }
        }
        return true;
    }
    public int minimumSize(int[] nums, int maxOperations) {
        int l = 1;
        int r = (int)Math.pow(10,9);
        while(l<=r){
            int mid = l + (r-l)/2;
            if(isPossible(nums,maxOperations,mid)){
                r = mid - 1;
            }else{
                l = mid + 1;
            }
        }
        return l;
    }
}
```