Engineering Animuthyam

Java DSA – Course. Part - 49

Binary Search

Hello machas, Bagunnara

875. Koko Eating Bananas

https://leetcode.com/problems/koko-eating-bananas/description/

```java
class Solution {
    public boolean isPossible(int[]piles, int h, int k){
        for(int i =0;i< piles.length;i++){
            int val = piles[i];
            int temp = val/k;
            if(val%k!=0){
                temp++;
            }
            h -= temp;
            if(h<0){
                return false;
            }
        }
        return true;
    }
    public int minEatingSpeed(int[] piles, int h) {
        int l = 1;
        int r = (int)Math.pow(10,9);
        while(l<=r){
            int m = l + (r-l)/2;
            if(isPossible(piles,h,m)){
                r = m - 1;
            }else{
                l = m + 1;
            }
        }
        return l;
    }
}
```