Engineering Animuthyam

Java DSA – Course Part -16

HashMap -2

Hello machas, Bagunnara.

Animuthyam ki oka problem ochindhi

Animuthyam degara oka array lo strings unai ayithe,

Ae string eni times undhi ani chepali animuthyam.

["Hello", "bolo", "Hello" , "tata"]

"Hello" -> 2

"bolo" -> 1

"tata" - > 1

Leetcode Problem

169. Majority Element

https://leetcode.com/problems/majority-element/description/

Leetcode Solution

Way - 1

```java
class Solution {
    public int majorityElement(int[] nums) {
        int n=nums.length/2;
        HashMap<Integer,Integer> hm = new HashMap<>();
        for(int i:nums){
            hm.put(i,hm.getOrDefault(i,0)+1);
        }
        int ans = -1;
        for(int i:hm.keySet()){
            if(hm.get(i)>n){
                ans = i;
                break;
            }
        }
        return ans;

    }
}
```

Way – 2

```java
class Solution {
    public int majorityElement(int[] nums) {
        int n=nums.length/2;
        Arrays.sort(nums);
        int ans = nums[n];
        return ans;

    }
}
```