Engineering Animuthyam

Java DSA – Course Part -17

HashMap Leetcode- Problems

Hello machas, Bagunnara.

Leetcode Problem – 1

1512. Number of Good Pairs

https://leetcode.com/problems/number-of-good-pairs/description/

Leetcode Problem – 2

771. Jewels and Stones

https://leetcode.com/problems/jewels-and-stones/description/

Solution:

Problem 1

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

Problem – 2

```java
1   class Solution {
2       public int numJewelsInStones(String jewels, String stones) {
3           int ans=0;
4           HashMap <Character,Integer> hm = new HashMap<>();
5           for(int i=0;i<stones.length();i++){
6               hm.put(stones.charAt(i),hm.getOrDefault(stones.charAt(i),0)+1);
7           }
8           for(int i=0;i<jewels.length();i++){
9               if(hm.containsKey(jewels.charAt(i))){
10                  ans += hm.get(jewels.charAt(i));
11              }
12          }
13          return ans;
14      }
15  }
```