Engineering Animuthyam

Java DSA – Course Part -19

HashSet in java

Course Link:
https://www.youtube.com/playlist?list=PLjzLBp9HHZWhVXBSPS1VqxXXDoVk07gd9

Website Link:
https://www.vigneshreddyjulakanti.in/

Hello machas, Bagunnara.

Finding a Number in group of numbers.

HashMap - > HashSet

```java
import java.util.*;
class HelloWorld {
    public static void main(String[] args) {
        HashSet <Integer> hs=new HashSet<>();
        hs.add(1);
        hs.add(3);
        hs.remove(1);
        if(hs.contains(3)){
            System.out.println("yes exist");
        }
        System.out.println(hs.size());
        System.out.println(hs);
    }
}
```

Leetcode Problem:

645. Set Mismatch

https://leetcode.com/problems/set-mismatch/description/

Solution :

```java
class Solution {
    public int[] findErrorNums(int[] nums) {
        HashSet <Integer> hs = new HashSet<>();
        int repeat=-1;
        for(int i:nums){
            if(!hs.contains(i)){
                hs.add(i);
            }else{
                repeat = i;
            }
        }
        int missing = -1;
        for(int i=1;i<nums.length+1;i++){
            if(!hs.contains(i)){
                missing=i;
                break;
            }
        }

        return new int[]{repeat, missing};
    }
}
```