30 Days Leetcode Challenge - Day 7

import java.util.HashMap;

public class leetday7

{

class Solution1 {

public int singleNumber(int[] nums) {

int n = nums.length;

int xor = 0;

for(int i=0;i<n;i++)

{

xor = xor^nums[i];

}

return xor;

}

}

class Solution2 {

public int[] twoSum(int[] arr, int target)

{

int n = arr.length;

HashMap<Integer,Integer> map = new HashMap<>();

for(int i=0;i<n;i++)

{

int sum = target - arr[i];

if(map.containsKey(sum))

{

return new int [] {map.get(sum),i};

}

map.put(arr[i],i);

}

return new int []{};

}

}