30 Days Leetcode Challenge - Day 6

public class leetday6

{

class Solution1 {

public int missingNumber(int[] nums) {

int xor1=0;

int xor2=0;

int n = nums.length;

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

{

xor1=xor1^(i+1);

xor2=xor2^nums[i];

}

int miss = xor1^xor2;

return miss;

}

}

class Solution2 {

public int findMaxConsecutiveOnes(int[] nums) {

int maxi = 0;

int count = 0;

int n = nums.length;

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

{

if(nums[i]==1)

{

count++;

maxi = Math.max(count,maxi);

}

else

{

count = 0;

}

}

return maxi;

}

}

}