645. Set Mismatch

Easy 1262 469 Add to List Shar

You have a set of integers `s`, which originally contains all the numbers from `1` to `n`. Unfortunately, due to some error, one of the numbers in `s` got duplicated to another number in the set, which results in **repetition of one** number and **loss of another** number.

You are given an integer array `nums` representing the data status of this set after the error.

Find the number that occurs twice and the number that is missing and return *them in the form of an array*.

Example 1:

```
Input: nums = [1,2,2,4]
Output: [2,3]
```

Example 2:

```
Input: nums = [1,1]
Output: [1,2]
```

Constraints:

- `2 <= nums.length <= 10^4`
- `1 <= nums[i] <= 10^4`

```python
class Solution:
    def findErrorNums(self, nums: List[int]) -> List[int]:

        di = collections.Counter(nums)
        res = []
        for i in di :
            if di[i] > 1:
                res.append(i)

        n = len(nums)

        for i in range(1,n+1) :
            if i not in nums :
                res.append(i)

        return res
```