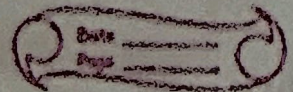


02/05/24



leetcode - Find all numbers disappeared in Arr

```

int * findDisappearedNumbers (int * nums,
int numSize, int * returnSize)
{
    int temp = 0;
    for (int index = 0; index < numSize; ++index)
    {
        temp = abs(nums[index]) - 1;
        nums[temp] = abs(nums[temp]) * -1;
    }
    int insertIndex = 0;
    *returnSize = 0;
    for (int index = 0; index < numSize; ++index)
    {
        if (nums[index] > 0)
        {
            ++*returnSize;
            nums[insertIndex++] = index + 1;
        }
    }
    return nums;
}

```

Output:

Case 1

Input

nums = [4, 3, 2, 7, 8, 2, 3, 1]

Output

[5, 6]

Case 2

Input

nums = [1, 1]

Output

[2]