

Leet code - (1) - LAB - (1) 2/5/24

int \* find Disappeared Numbers (int \*nums, int numsSize, int \*returnSize)

```
{
    int temp = 0;
    for (int index = 0; index < numsSize; ++index)
    {
        temp = abs(nums[index]) - 1;
        nums[temp] = abs(nums[temp]) * -1;
    }

    int insert_index = 0;
    *returnSize = 0;

    for (int index = 0; index < numsSize; ++index)
    {
        if (nums[index] > 0)
        {
            ++*returnSize;
            nums[insert_index++] = index + 1;
        }
    }

    return nums;
}
```

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Output :

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

nums = [1, 1]

⇒ [5, 6]

⇒ [2]