

@LeetCode

Given an array of integers where  $1 \leq a[i] \leq n$  ( $n$  = size of array), some elements appear twice and others appear once.

Find all the elements of  $[1, n]$  inclusive that do not appear in this array.

Could you do it without extra space and in  $O(n)$  runtime? You may assume the returned list does not count as extra space.

**Example:**

**Input:**

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

**Output:**

[5,6]