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

Find all the elements that appear **twice** in this array.

Could you do it without extra space and in O(*n*) runtime?

**Example:**

**Input:**

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

**Output:**

[2,3]