Find duplicate numbers in a given list a

- 1. List a, of size of n, given
- 2. Each list element is between 0 to (n-1)

```
 0
 1
 2
 3
 4
 5
 6

 1
 2
 3
 1
 3
 6
 6

duplicate {1, 3, 6}
```

Goal:

1. Collect all duplicates exactly once in the list d

- 2. Given list a should be intact at the end of your algorithm
- 3. We need O(n) time and O(1) space algorithm

Implement O(n) time and O(1) space algorithm You cannot use ay library functions like set/map etc. Must use only Python list []