

keep track of the unique elements

[1, 1, 2, 3, 3, 4, 5, 5]

from the unique elements from the

[10, 10, 11, 100, 200]

[10, 11, 100, 200]

ans: 1 2 3 4 5 6 7

[1, 2, 3, 4, 5, 6, 7]

TC:

```
int removeDuplicatesInPlace(vector<int> &arr) {
    int n = arr.size();

    int i = 0, j = 0;
    while (j < n) {
        arr[i] = arr[j];
        while (j < n && arr[j] == arr[i]) {
            j++;
        }
        i++;
    }

    return i;
}
```

0 1 2 3 4 5

[1, 2, 3, 4, 5]

i: 0 → n-1

j: 0 → n-1