

Solution 1

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 #include <vector>
4
5 using namespace std;
6
7 // O(n) time | O(1) space - where n is the length of the array
8 vector<int> moveElementToEnd(vector<int> array, int toMove) {
9     int i = 0;
10    int j = array.size() - 1;
11    while (i < j) {
12        while (i < j && array[j] == toMove)
13            j--;
14        if (array[i] == toMove)
15            swap(array[i], array[j]);
16        i++;
17    }
18    return array;
19 }
20
```

Solution 1

Solution 2

Solution 3

```
1 #include <vector>
2
3 using namespace std;
4
5 vector<int> moveElementToEnd(vector<int> array, int toMove) {
6     // Write your code here.
7     return {};
8 }
9
```

Run or submit code when you're ready.