Our Solution(s) Run Code

Solution 1

```python
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# O(n) time | O(1) space - where n is the length of the array
def moveElementToEnd(array, toMove):
    i = 0
    j = len(array) - 1
    while i < j:
        while i < j and array[j] == toMove:
            j -= 1
        if array[i] == toMove:
            array[i], array[j] = array[j], array[i]
        i += 1
    return array

```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```python
def moveElementToEnd(array, toMove):
    # Write your code here.
    pass

```

Our Tests

Custom Output Submit Code

```
import unittest


class TestProgram(unittest.TestCase):
    def test_case_1(self):
        array = []
        toMove = 0
        expected = []
        output = program.moveElementToEnd(array, toMove)
        self.assertEqual(output, [])

    def test_case_2(self):
        array = [2, 2, 4, 5, 6]
        toMove = 2
        expected = [2, 2, 4, 5, 6]
        output = self.deepCopy(program.moveElementToEnd(array, toMove))
        self.assertEqual(output, expected)

    def test_case_3(self):
        array = [2, 5, 5, 5, 6]
        toMove = 5
```

Run or submit code when you're ready.