Validate Stack Sequences

```python
# Method 1
class Solution(object):
  def validateStackSequences(self, pushed, popped):
    """
    input: int[] pushed, int[] popped
    return: boolean
    """
    # write your solution here
    stack = []
    for num in pushed:
      if popped[0] == num:
        popped.pop(0)
      else:
        stack.append(num)

    if not popped:
      for num in popped:
        if num!= stack[-1]:
          return False
        else:
          stack.pop()
          popped.pop(0)
      return True

# Method 2
class Solution(object):
  def validateStackSequences(self, pushed, popped):
    """
    :type pushed: List[int]
    :type popped: List[int]
    :rtype: bool
    """
    s, next_consumed = [], 0
    for item in popped:
      while (not s or s[-1] != item) and next_consumed < len(pushed):
        s.append(pushed[next_consumed])
        next_consumed += 1
      if s[-1] != item:
        break
      s.pop()
    return not s
```