

Solution 1

Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 ▾ class Program {
4     // O(n) time | O(1) space
5     ▾ static func isValidSubsequence(_ array: [Int], _ sequence: [Int]) -> Bool {
6         var arrIdx = 0
7         var seqIdx = 0
8         ▾ while arrIdx < array.count, seqIdx < sequence.count {
9             ▾ if array[arrIdx] == sequence[seqIdx] {
10                 seqIdx += 1
11             }
12             arrIdx += 1
13         }
14         return seqIdx == sequence.count
15     }
16 }
17
```

