

Solution 1

Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 using namespace std;
4
5 // O(n) time | O(1) space - where n is the length of the array
6 ▾ bool isValidSubsequence(vector<int> array, vector<int> sequence) {
7     int seqIdx = 0;
8     ▾ for (auto value : array) {
9         if (seqIdx == sequence.size())
10             break;
11         if (sequence[seqIdx] == value)
12             seqIdx++;
13     }
14     return seqIdx == sequence.size();
15 }
```

