

PromptScratchpadOur Solution(s)Video Explanation

Run Code

Solution 1Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 #include <vector>
4 #include <climits>
5 using namespace std;
6
7 // O(n^2) time | O(n) space
8 int minNumberOfJumps(vector<int> array) {
9     vector<int> jumps(array.size(), INT_MAX);
10    jumps[0] = 0;
11    for (int i = 1; i < array.size(); i++) {
12        for (int j = 0; j < i; j++) {
13            if (array[j] >= i - j) {
14                jumps[i] = min(jumps[j] + 1, jumps[i]);
15            }
16        }
17    }
18    return jumps[jumps.size() - 1];
19 }
20
```