

PromptScratchpadOur Solution(s)Video Explanation

Run Code

Solution 1Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 #include <vector>
4 using namespace std;
5
6 // O(n) time | O(1) space
7 int minNumberOfJumps(vector<int> array) {
8     if (array.size() == 1) {
9         return 0;
10    }
11    int jumps = 0;
12    int maxReach = array[0];
13    int steps = array[0];
14    for (int i = 1; i < array.size() - 1; i++) {
15        maxReach = max(maxReach, i + array[i]);
16        steps--;
17        if (steps == 0) {
18            jumps++;
19            steps = maxReach - i;
20        }
21    }
22    return jumps + 1;
23 }
24
```