

PromptScratchpadOur Solution(s)Video Explanation

Run Code

Solution 1Solution 2

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