

Our Solution(s)

Run Code

Your Solutions

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     func minNumberOfJumps(array: [Int]) -> Int {
6         if array.count == 1 {
7             return 0
8         }
9
10        var jumps = 0
11        var steps = array[0]
12        var maximumReach = array[0]
13
14        for i in 1 ..< array.count - 1 {
15            maximumReach = max(maximumReach, array[i] + i)
16
17            steps -= 1
18
19            if steps == 0 {
20                jumps += 1
21
22                steps = maximumReach - i
23            }
24        }
25
26        return jumps + 1
27    }
28 }
29
```

Solution 1Solution 2Solution 3

```
1 class Program {
2     func minNumberOfJumps(array: [Int]) -> Int {
3         // Write your code here.
4         return -1
5     }
6 }
7
```

Our Tests

```
1 class ProgramTests {
2     func test() {
3         let program = Program()
4         XCTAssertEqual(program.minNumberOfJumps([1]), 0)
5         XCTAssertEqual(program.minNumberOfJumps([2, 1]), 1)
6     }
7 }
```

Custom Output

Submit Code

Run or submit code when you're ready.