

Our Solution(s)

Run Code

Solution 1Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 using System;
4
5 public class Program {
6     // O(n^2) time | O(n) space
7     public static int MinNumberOfJumps(int[] array) {
8         int[] jumps = new int[array.Length];
9         Array.Fill(jumps, Int32.MaxValue);
10        jumps[0] = 0;
11        for (int i = 1; i < array.Length; i++) {
12            for (int j = 0; j < i; j++) {
13                if (array[j] >= i - j) {
14                    jumps[i] = Math.Min(jumps[j] + 1, jumps[i]);
15                }
16            }
17        }
18        return jumps[jumps.Length - 1];
19    }
20 }
21
```

Your Solutions

Run Code

Solution 1Solution 2Solution 3

```
1 public class Program {
2     public static int MinNumberOfJumps(int[] array) {
3         // Write your code here.
4         return -1;
5     }
6 }
7
```

Our Tests

```
1 public class ProgramTest {
2     [Test]
3     public void TestMinNumberOfJumps() {
4         int[] array = { 2, 3, 1, 1, 4 };
5         int result = Program.MinNumberOfJumps(array);
6         Assert.AreEqual(3, result);
7     }
8 }
```

Custom Output

Submit Code

```

10 def test():
11     assert isinstance(
12         test(), test()
13     )
14     assert isinstance(
15         test(), test()
16     )
17     assert isinstance(
18         test(), test()
19     )
20     assert isinstance(
21         test(), test()
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95     assert isinstance(
96         test(), test()
97     )
98     assert isinstance(
99         test(), test()
100    )

```

Run or submit code when you're ready.