AlgoExpert

Solution 1

Quad Layout

12рх

Sublime

Monokai

00:00:

Run Code

Our Solution(s)

Run Code

Your Solutions

```
Solution 3
```

```
public class Program {
  public static bool HasSingleCycle(int[] array) {
    // Write your code here.
  return false;
}
}
```

Solution 1 Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
    public class Program {
      // O(n) time \mid O(1) space - where n is the length of the input array
      public static bool HasSingleCycle(int[] array) {
        int numElementsVisited = 0;
        int currentIdx = 0;
        while (numElementsVisited < array.Length) {</pre>
          if (numElementsVisited > 0 && currentIdx == 0) return false;
          numElementsVisited++;
          currentIdx = getNextIdx(currentIdx, array);
12
13
        return currentIdx == 0;
14
15
16
      public static int getNextIdx(int currentIdx, int[] array) {
        int jump = array[currentIdx];
int nextIdx = (currentIdx + jump) % array.Length;
17
18
19
        return nextIdx >= 0 ? nextIdx : nextIdx + array.Length;
20
21 }
```

Custom Output Raw Output Submit Code

Run or submit code when you're ready.