Our Solution(s)   Run Code

Your Solutions   Run Code

Solution 1

Solution 1   Solution 2   Solution 3

```python
1   # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3   # O(n) time | O(1) space - where n is the length of the input ar
4   def hasSingleCycle(array):
5       numElementsVisited = 0
6       currentIdx = 0
7       while numElementsVisited < len(array):
8           if numElementsVisited > 0 and currentIdx == 0:
9               return False
10          numElementsVisited += 1
11          currentIdx = getNextIdx(currentIdx, array)
12      return currentIdx == 0
13
14
15  def getNextIdx(currentIdx, array):
16      jump = array[currentIdx]
17      nextIdx = (currentIdx + jump) % len(array)
18      return nextIdx if nextIdx >= 0 else nextIdx + len(array)
19
```

```python
1   def hasSingleCycle(array):
2       # Write your code here.
3       pass
4
```

Our Tests   Custom Output   Submit Code