Our Solution(s)   Run Code

Solution 1   Solution 2

```go
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package main

// O(n) time | O(1) space - where n is the length of the array
func IsMonotonic(array []int) bool {
  if len(array) <= 2 {
    return true
  }

  direction := array[1] - array[0]
  for i := 2; i < len(array); i++ {
    if direction == 0 {
      direction = array[i] - array[i-1]
      continue
    }

    if breaksDirection(direction, array[i-1], array[i]) {
      return false
    }
  }

  return true
}

func breaksDirection(direction, previousInt, currentInt int) boo
  difference := currentInt - previousInt
  if direction > 0 {
    return difference < 0
  }
  return difference > 0
}
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

```go
package main

func IsMonotonic(array []int) bool {
  // Write your code here.
  return false
}
```

Our Tests

Custom Output   Submit Code

Run or submit code when you're ready.