Solution 1

```go
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package main

func QuickSort(array []int) []int {
  return helper(array, 0, len(array)-1)
}

func helper(array []int, start, end int) []int {
  if start >= end {
    return array
  }

  pivot := start
  left := start + 1
  right := end
  for right >= left {
    if array[left] > array[pivot] && array[right] < array[pivot] {
      array[left], array[right] = array[right], array[left]
    }
    if array[left] <= array[pivot] {
      left += 1
    }
    if array[right] >= array[pivot] {
      right -= 1
    }
  }

  array[pivot], array[right] = array[right], array[pivot]

  if right-1-start < end-(right+1) {
    helper(array, start, right-1)
    helper(array, right+1, end)
  } else {
    helper(array, right+1, end)
    helper(array, start, right-1)
  }
  return array
}

```