

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 package main
4
5 func QuickSort(array []int) []int {
6     return helper(array, 0, len(array)-1)
7 }
8
9 func helper(array []int, start, end int) []int {
10     if start >= end {
11         return array
12     }
13
14     pivot := start
15     left := start + 1
16     right := end
17     for right >= left {
18         if array[left] > array[pivot] && array[right] < array[pivot] {
19             array[left], array[right] = array[right], array[left]
20         }
21         if array[left] <= array[pivot] {
22             left += 1
23         }
24         if array[right] >= array[pivot] {
25             right -= 1
26         }
27     }
28
29     array[pivot], array[right] = array[right], array[pivot]
30
31     if right-1-start < end-(right+1) {
32         helper(array, start, right-1)
33         helper(array, right+1, end)
```

Solution 1 Solution 2 Solution 3

```
1 package main
2
3 func QuickSort(array []int) []int {
4     // Write your code here.
5     return nil
6 }
7
```

Our Tests

Custom Output

Submit Code

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```
17 def is_prime(n):
18     if n < 2:
19         return False
20     if n == 2:
21         return True
22     if n % 2 == 0:
23         return False
24     for i in range(3, int(n**0.5) + 1, 2):
25         if n % i == 0:
26             return False
27     return True
28
29 def is_prime(n):
30     if n < 2:
31         return False
32     if n == 2:
33         return True
34     if n % 2 == 0:
35         return False
36     for i in range(3, int(n**0.5) + 1, 2):
37         if n % i == 0:
38             return False
39     return True
40
41 def is_prime(n):
42     if n < 2:
43         return False
44     if n == 2:
45         return True
46     if n % 2 == 0:
47         return False
48     for i in range(3, int(n**0.5) + 1, 2):
49         if n % i == 0:
50             return False
51     return True
```

Run or submit code when you're ready.