

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 // Best: O(n^2) time | O(1) space
6 // Average: O(n^2) time | O(1) space
7 // Worst: O(n^2) time | O(1) space
8 func SelectionSort(array []int) []int {
9     currentIndex := 0
10    for currentIndex < len(array)-1 {
11        smallestIndex := currentIndex
12        for i := currentIndex + 1; i < len(array); i++ {
13            if array[smallestIndex] > array[i] {
14                smallestIndex = i
15            }
16        }
17        array[currentIndex], array[smallestIndex] = array[smallestIndex],
18        currentIndex += 1
19    }
20    return array
21 }
22
```

Solution 1   Solution 2   Solution 3

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

Our Tests

Custom Output

Submit Code

```
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.