

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) time | O(1) space
6 // Average: O(n^2) time | O(1) space
7 // Worst: O(n^2) time | O(1) space
8 func BubbleSort(input []int) []int {
9     isSorted := false
10    counter := 0
11    for !isSorted {
12        isSorted = true
13        for i := 0; i < len(input)-1-counter; i++ {
14            if input[i] > input[i+1] {
15                input[i], input[i+1] = input[i+1], input[i]
16                isSorted = false
17            }
18        }
19        counter++
20    }
21    return input
22 }
23
```

Solution 1   Solution 2   Solution 3

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

Our Tests

Custom Output

Submit Code

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 package main
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5 // Best: O(n) time | O(1) space
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19        counter++
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21    return input
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23
```

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

```
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.