Sublime

Solution 3

Solution 2

Our Solution(s)

Run Code

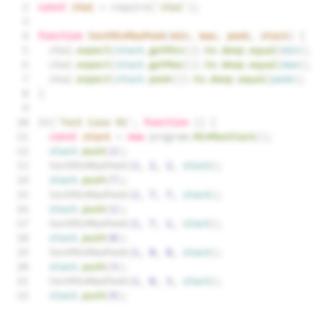
Your Solutions

Solution 1

Run Code

```
Solution 1
 1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
 3 class MinMaxStack {
     constructor() {
       this.minMaxStack = [];
       this.stack = [];
 6
 7
9
     // 0(1) time | 0(1) space
10
     peek() {
11
       return this.stack[this.stack.length - 1];
12
13
14
     // 0(1) time | 0(1) space
15
     pop() {
16
       this.minMaxStack.pop();
17
       return this.stack.pop();
18
19
20
     // O(1) time | O(1) space
21
     push(number) {
       const newMinMax = {min: number, max: number};
23
      if (this.minMaxStack.length) {
        const lastMinMax = this.minMaxStack[this.minMaxStack.lengt
24
25
         newMinMax.min = Math.min(lastMinMax.min, number);
         newMinMax.max = Math.max(lastMinMax.max, number);
26
27
28
       this.minMaxStack.push(newMinMax);
29
        this.stack.push(number);
30
31
32
     // O(1) time | O(1) space
33
     getMin() {
```

```
1 // Feel free to add new properties and methods to the class.
   class MinMaxStack {
      peek() {
       // Write your code here.
 5
 6
 7
      pop() {
       // Write your code here.
 9
10
11
      push(number) {
12
       // Write your code here.
13
14
15
      getMin() {
16
       // Write your code here.
17
18
19
      getMax() {
20
       // Write your code here.
21
22 }
23
24 // Do not edit the line below.
25 exports.MinMaxStack = MinMaxStack;
```



Run or submit code when you're ready.