

Min Stack

Total Accepted: **8426**Total Submissions: **56865**

Question

Solution

My Submissions

Design a stack that supports push, pop, top, and retrieving the minimum element in constant time.

- push(x) -- Push element onto stack.
- pop() -- Removes the element on top of the stack.
- top() -- Get the top element.
- getMin() -- Retrieve the minimum element in the stack.

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Yes

No

Discuss

C++



```
1 class MinStack {  
2 public:  
3 void push(int x) {  
4  
5 }  
6  
7 void pop() {  
8  
9 }  
10  
11 int top() {
```

```
12  
13 }  
14  
15 int getMin() {  
16  
17 }  
18 };
```

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