

Leetcode 155

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Code

< Min Stack >

```
class MinStack {
```

```
public :
```

```
stack < pair < int, int > > s;
```

```
MinStack() { }
```

```
void push (int val) {
```

```
    if (s.empty()) {
```

```
        s.push({val, val});
```

```
    } else {
```

```
        int minVal = min(val, s.top().second);
```

```
        s.push({val, minVal});
```

```
    }
```

```
void pop() {
```

```
    s.pop();
```

```
}
```

```
void top() {
```

```
    return s.top().first;
```

```
}
```

```
void getMin() {
```

```
    return s.top().second;
```

```
}
```

```
};
```