```java
class MinStack {

    Stack<Integer> main;
    Stack<Integer> min;
    /** initialize your data structure here. */
    public MinStack() {
        main = new Stack<>();
        min = new Stack<>();
    }

    public void push(int x) {
        main.push(x);
        if (min.isEmpty() || min.peek() >= x) {
            min.push(x);
        }
    }

    public void pop() {
        int val = main.pop();
        if (val == min.peek())
            min.pop();
    }

    public int top() {
        return main.peek();
    }

    public int getMin() {
        return min.peek();
    }
}

/**
 * Your MinStack object will be instantiated and called as such:
 * MinStack obj = new MinStack();
 * obj.push(x);
 * obj.pop();
 * int param_3 = obj.top();
 * int param_4 = obj.getMin();
 */
```