```java
// Class for a special stack to get minimum element in O(1) Space and Time
class SpecialStack {
    int minEle;
    Stack<Integer> stack = new Stack<>();
    int getMin() {
        if (stack.size() == 0) {
            return -1;
        }
        return minEle;
    }
    int pop() {
        if (stack.size() == 0) {
            return -1;
        }
        int y = stack.pop();
        if (y >= minEle) {
            return y;
        } else {
            int x = minEle;
            int prevMinEle = (2 * x) - y;
            minEle = prevMinEle;
            return x;
        }
    }
    void push(int x) {
        if (stack.size() == 0) {
            stack.push(x);
            minEle = x;
            return;
        }
        if (minEle < x) {
            stack.push(x);
        } else {
            stack.push((2 * x) - minEle);
            minEle = x;
        }
    }
}
```