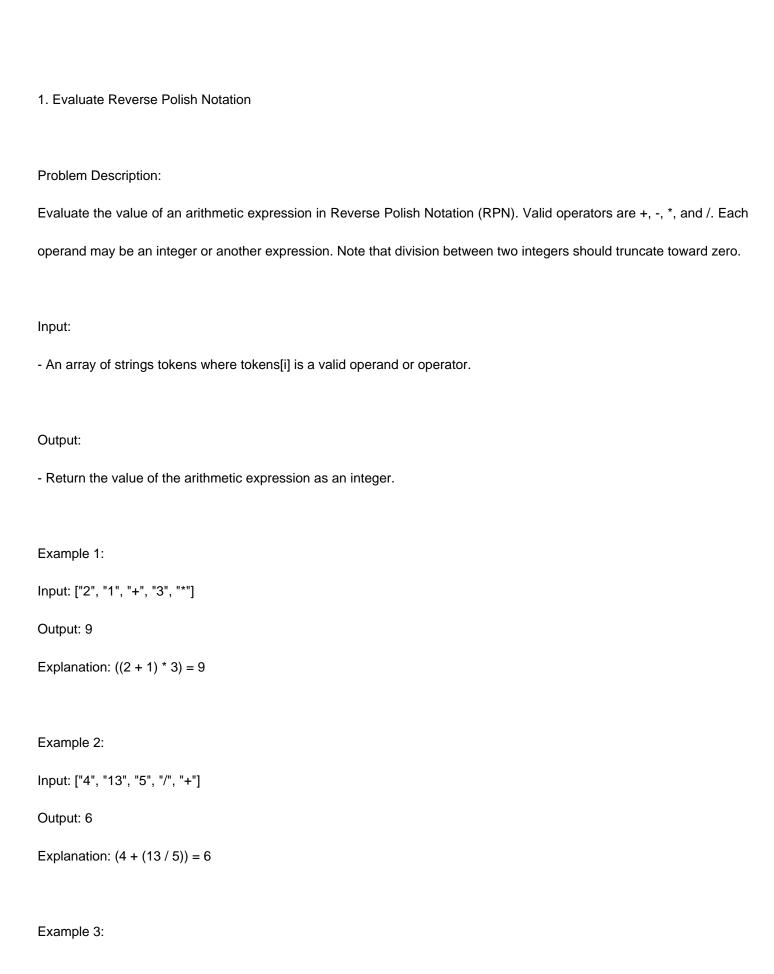
## Stack Interview Questions Assignment



Input: ["10", "6", "9", "3", "+", "-11", "\*", "/", "\*", "17", "+", "5", "+"]

Output: 22

Explanation:

((10 \* (6 / ((9 + 3) \* -11))) + 17) + 5

$$= ((10 * (6 / -132)) + 17) + 5$$

$$= ((10 * 0) + 17) + 5$$

$$= (0 + 17) + 5$$

= 22

#### Constraints:

- 1 <= tokens.length <= 10^4
- tokens[i] is either an operator: +, -, \*, or /, or an integer in the range [-200, 200].

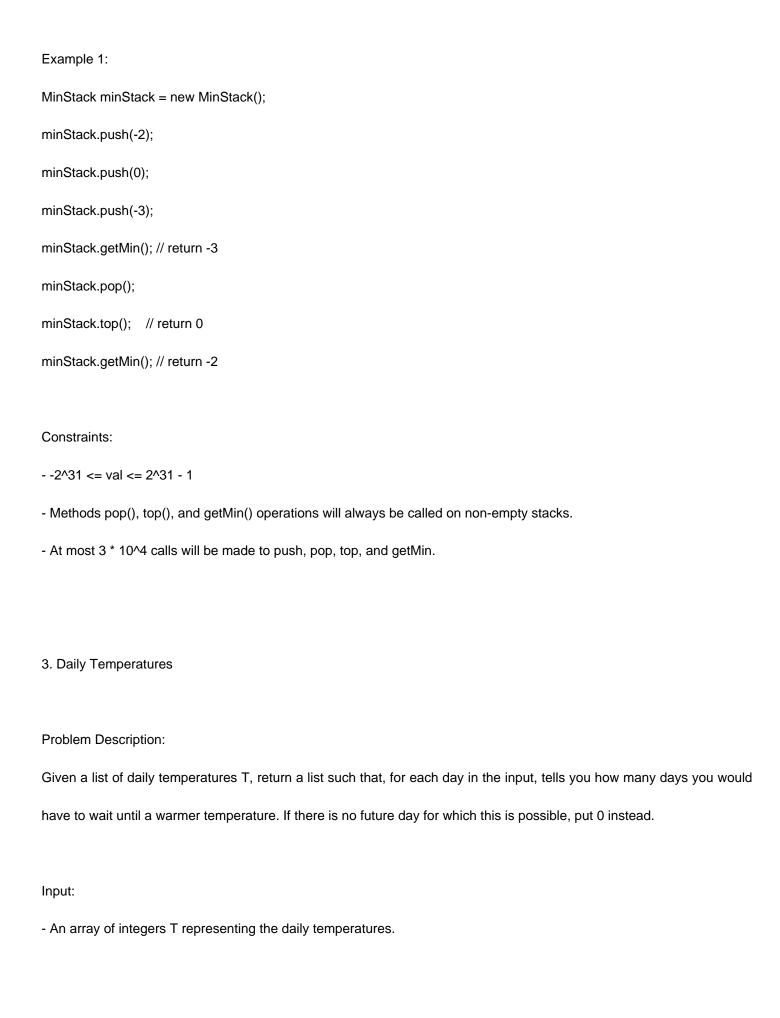
### 2. Min Stack

Problem Description:

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

Implement the MinStack class:

- MinStack(): initializes the stack object.
- void push(int val): pushes the element val onto the stack.
- void pop(): removes the element on the top of the stack.
- int top(): gets the top element of the stack.
- int getMin(): retrieves the minimum element in the stack.



# Output:

- Return an array of integers, where the ith element is the number of days you have to wait until a warmer temperature.

If there is no future day for which this is possible, put 0 instead.

### Example 1:

Input: [73, 74, 75, 71, 69, 72, 76, 73]

Output: [1, 1, 4, 2, 1, 1, 0, 0]

### Constraints:

- 1 <= T.length <= 10^5
- 30 <= T[i] <= 100