

Stack

Do this.

155 **Min Stack** (/problems/min-stack)

```
3 1 2 0 4 6 -1 8
3 1 1 0 0 0 -1 -1
0 -2 1 -1 4 6 -1 9
```

只用一个stack的解法,

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

~~150 Evaluate Reverse Polish Notation (/problems/evaluate-reverse-polish-notation)~~ Do 224 instead

A special problem for python, $6// -132 = -1$ while $\text{int}(6/-132) = 0$

Given a string which contains only lowercase letters, remove duplicate letters so that every letter appear once and only once. You must make sure your result is the smallest in lexicographical order among all possible results.

Example 1:

Input: "bcabc"
Output: "abc"

Do this.

316 **Remove Duplicate Letters** (/problems/remove-duplicate-letters)

Decide the first char first Need to redo redo

Do this

341 **Flatten Nested List Iterator** (/problems/flatten-nested-list-iterator)

Put the NI in the list into the stack in a reversed way, pop one, if it's integer, return hasNext true, else pop the list and put all the elements into the stack

Do this,

224 **Basic Calculator** (/problems/basic-calculator)

Do this

232 **Implement Queue using Stacks** (/problems/implement-queue-using-stacks)

Not bug free

394 **Decode String** (/problems/decode-string)

```
s = "3[a]2[bc]", return "aaabcbc".
s = "3[a2[c]]", return "accaccacc".
s = "2[abc]3[cd]ef", return "abcbcccdcdcdcf".
```

496 **Next Greater Element I** (/problems/next-greater-element-i)

71 **Simplify Path** (/problems/simplify-path)

682 **Baseball Game** (/problems/baseball-game)

770 **Basic Calculator IV** (/problems/basic-calculator-iv)

225 **Implement Stack using Queues** (/problems/implement-stack-using-queues)

636 **Exclusive Time of Functions** (/problems/exclusive-time-of-functions)

- 503 Next Greater Element II (/problems/next-greater-element-ii)
- 385 Mini Parser (/problems/mini-parser)
- 456 132 Pattern (/problems/132-pattern)
- 772 Basic Calculator III (/problems/basic-calculator-iii) 📌
- 255 Verify Preorder Sequence in Binary Search Tree (/problems/verify-preorder-sequence-in-binary-search-tree) 📌
- 735 Asteroid Collision (/problems/asteroid-collision)
- ✓ 272 Closest Binary Search Tree Value II (/problems/closest-binary-search-tree-value-ii) 📌
- 402 Remove K Digits (/problems/remove-k-digits)
- 907 Sum of Subarray Minimums (/problems/sum-of-subarray-minimums)
- 844 Backspace String Compare (/problems/backspace-string-compare)
- 726 Number of Atoms (/problems/number-of-atoms)
- 856 Score of Parentheses (/problems/score-of-parentheses)
- 331 Verify Preorder Serialization of a Binary Tree (/problems/verify-preorder-serialization-of-a-binary-tree)
- 921 Minimum Add to Make Parentheses Valid (/problems/minimum-add-to-make-parentheses-valid)
- 439 Ternary Expression Parser (/problems/ternary-expression-parser) 📌
- 946 Validate Stack Sequences (/problems/validate-stack-sequences)
- 853 Car Fleet (/problems/car-fleet)
- 901 Online Stock Span (/problems/online-stock-span)
- ✓ 895 Maximum Frequency Stack (/problems/maximum-frequency-stack)
- 880 Decoded String at Index (/problems/decoded-string-at-index)
- 591 Tag Validator (/problems/tag-validator)