* Stack Theory
* Identification: If for a nested loop. If the value of j is dependent on i, then we have to solve the question using stack.
* QS
* Reverse a Stack
* <https://www.codingninjas.com/codestudio/problems/reverse-stack-using-recursion_631875?leftPanelTab=3>
* Sort a stack
* <https://www.codingninjas.com/codestudio/problems/sort-a-stack_537?leftPanelTab=3>
* Next greater element to right  
  ["https://www.codingninjas.com/codestudio/problems/799354?topList=striver-sde-sheet-problems](https://www.codingninjas.com/codestudio/problems/799354?topList=striver-sde-sheet-problems&utm_source=striver&utm_medium=website)
* Next smaller element to right [https://www.codingninjas.com/codestudio/problems/1112581?topList=striver-sde-sheet-problems](https://www.codingninjas.com/codestudio/problems/1112581?topList=striver-sde-sheet-problems&utm_source=striver&utm_medium=website&leftPanelTab=1)
* Stock span problem  
  <https://www.codingninjas.com/codestudio/problems/stock-span_5243295>
* Design Online stock span  
  <https://leetcode.com/problems/online-stock-span/>
* Basic Calculator 1 and 2  
  <https://leetcode.com/submissions/detail/848980685/>  
  <https://leetcode.com/submissions/detail/849030783/>
* Largest rectangle under histogram  
  [https://www.codingninjas.com/codestudio/problems/1058184?topList=striver-sde-sheet-problems](https://www.codingninjas.com/codestudio/problems/1058184?topList=striver-sde-sheet-problems&utm_source=striver&utm_medium=website)
* Infix evaluatio

<https://ide.geeksforgeeks.org/bfa4e44c-0a94-4a8e-88a1-fe17cd2010b8>

* Arthemtic evaluation

<https://www.codingninjas.com/codestudio/problems/arithmetic-expression-evaluation_1170517?leftPanelTab=1>

Infix to Postfix

<https://www.codingninjas.com/codestudio/problems/infix-to-postfix_1382146?leftPanelTab=0>

Celebrity Problem

<https://www.codingninjas.com/codestudio/problems/the-celebrity-problem_982769>