Algorithmic Problem Solving [17ECSE309]
15 Days of DS - Submission

Name: Abhinav Gupta

SRN: 01fe19bcs239

School: Computer Science of Engineering

15 Days of DS

Marks: 05

Platform: Various Platforms

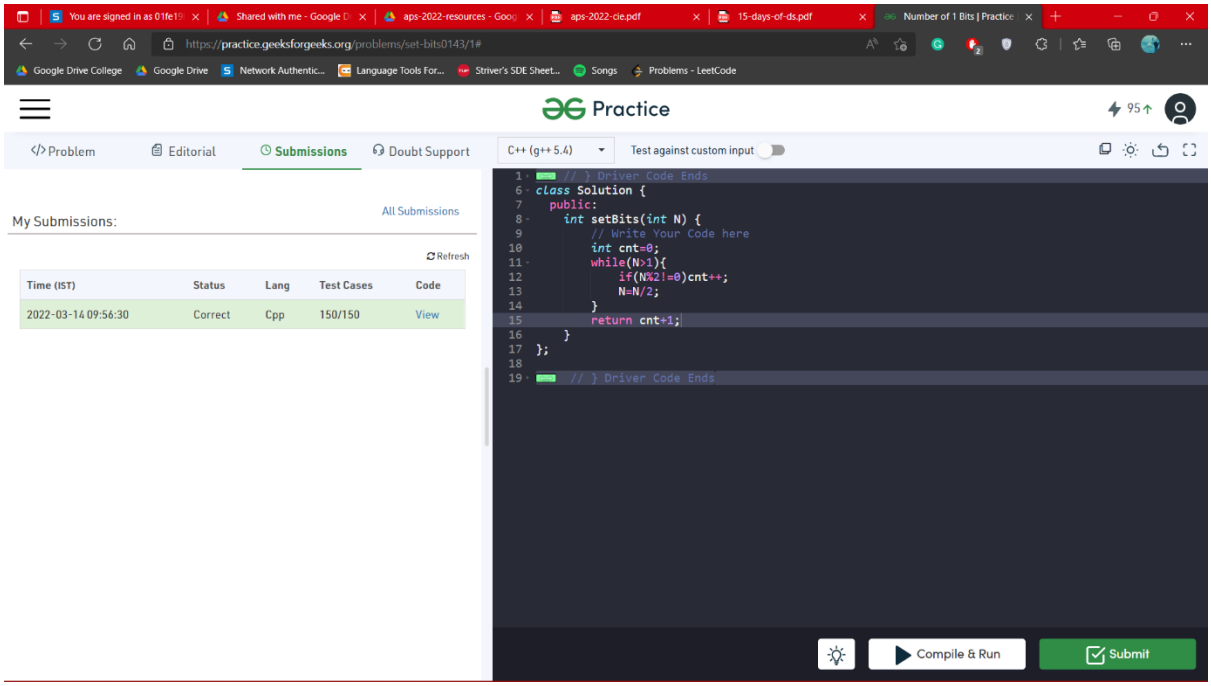
A 15 days challenge where each day you need to do an assigned task. You need to complete this before 15 March 2022. Final submission will be made via email and will have intermediate submissions on various other platforms.

Day 01 Task

Solve count Set Bits in an Integer problem

https://practice.geeksforgeeks.org/problems/set-bits0143/1

Screenshot of submission:

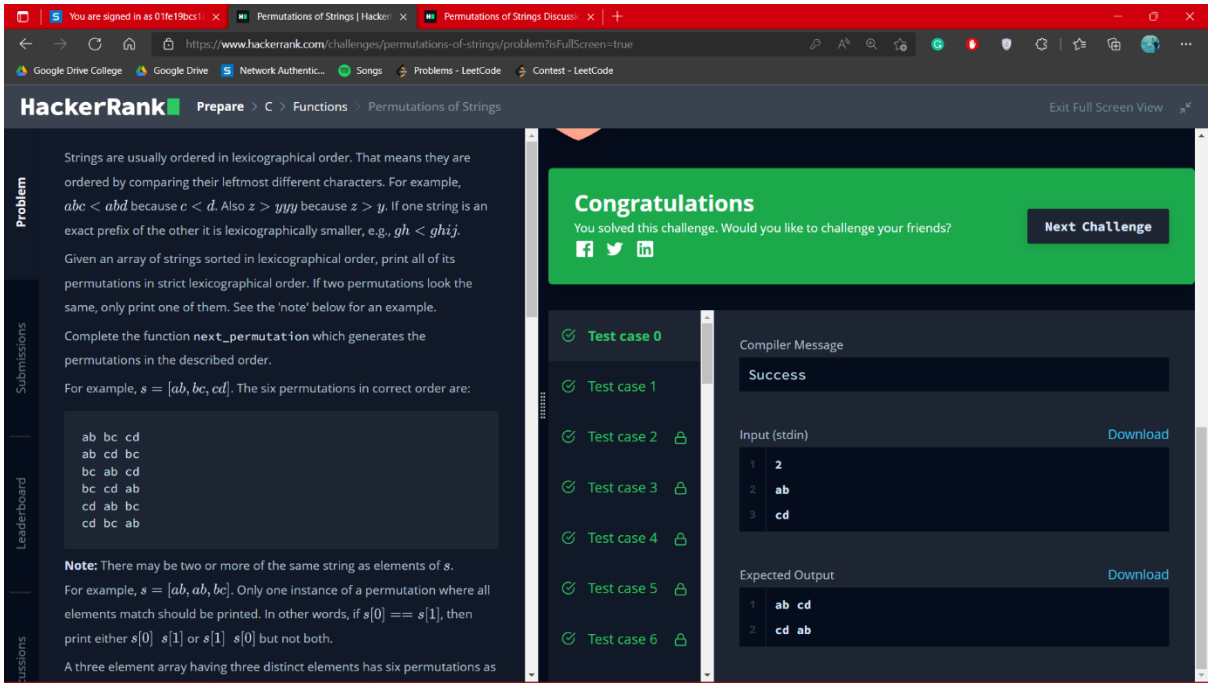


Day 02 Task

Complete the problem Permutations of Strings

https://www.hackerrank.com/challenges/permutations-of-strings/

Screenshot of submission:

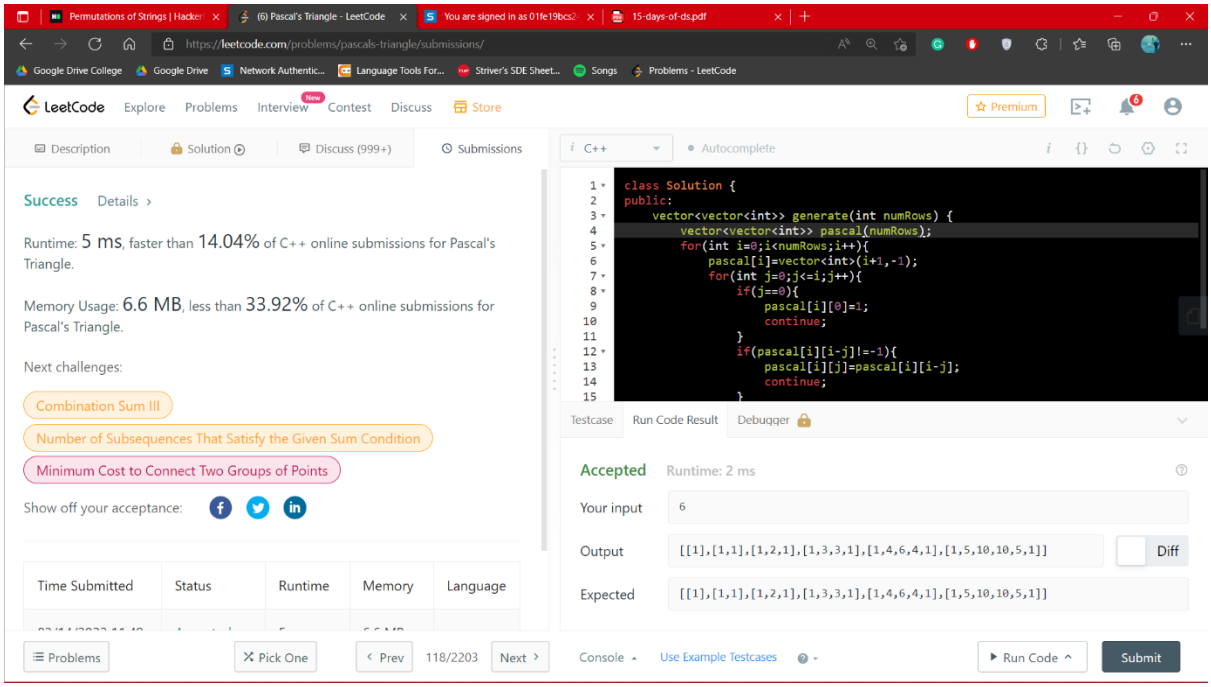


Day 03 Task

Solve the Pascal's Triangle problem

https://leetcode.com/problems/pascals-triangle/

Screenshot of submission:

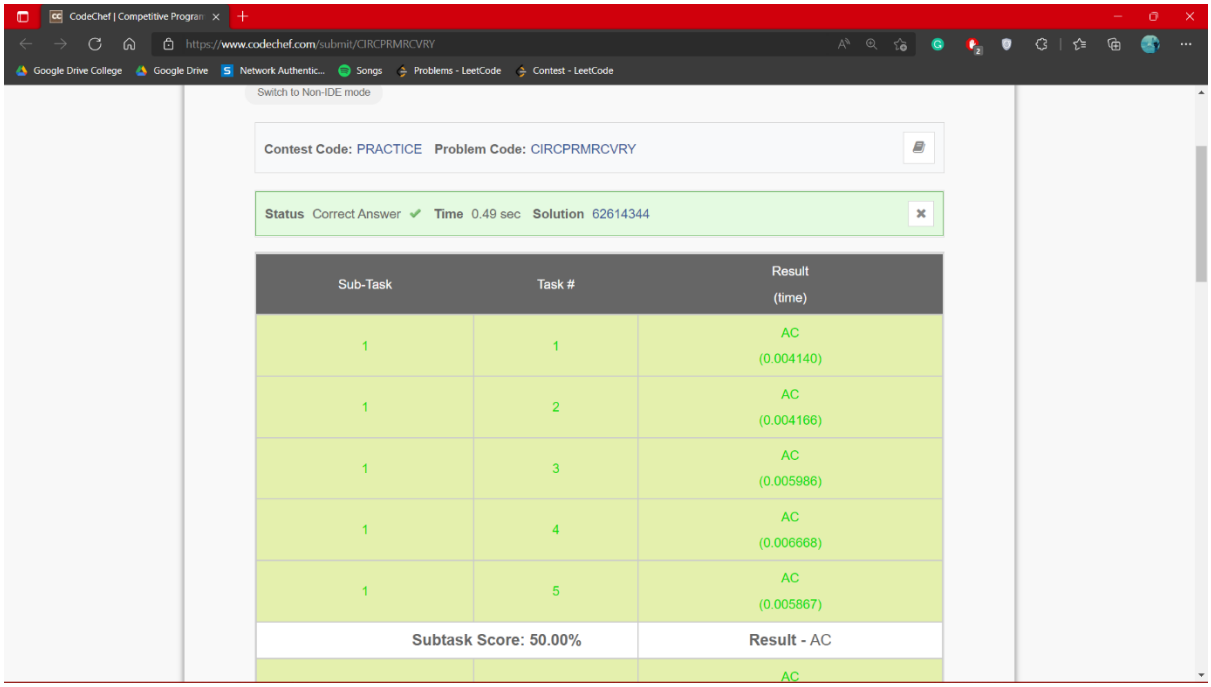


Day 04 Task

Solve the Circular Permutation Recovery problem

https://www.codechef.com/problems/CIRCPRMRCVRY

Screenshot of submission:

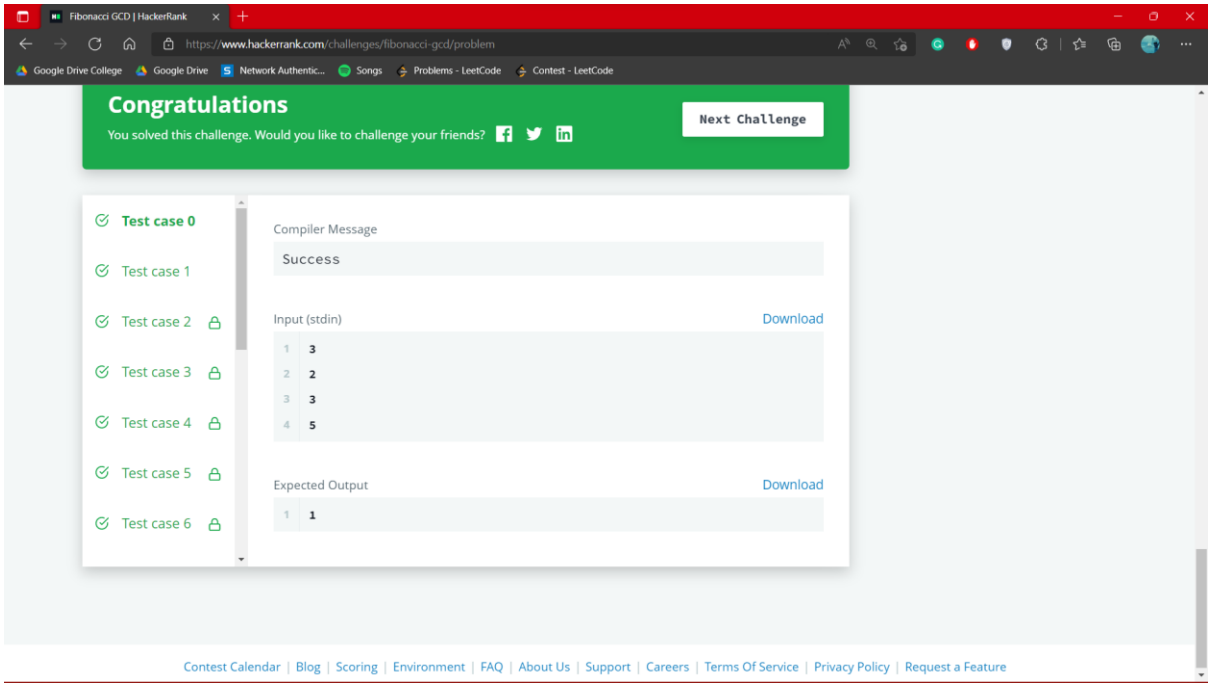


Day 05 Task

Solve the Fibonacci GCD problem

https://www.hackerrank.com/challenges/fibonacci-gcd/

Screenshot of submission:

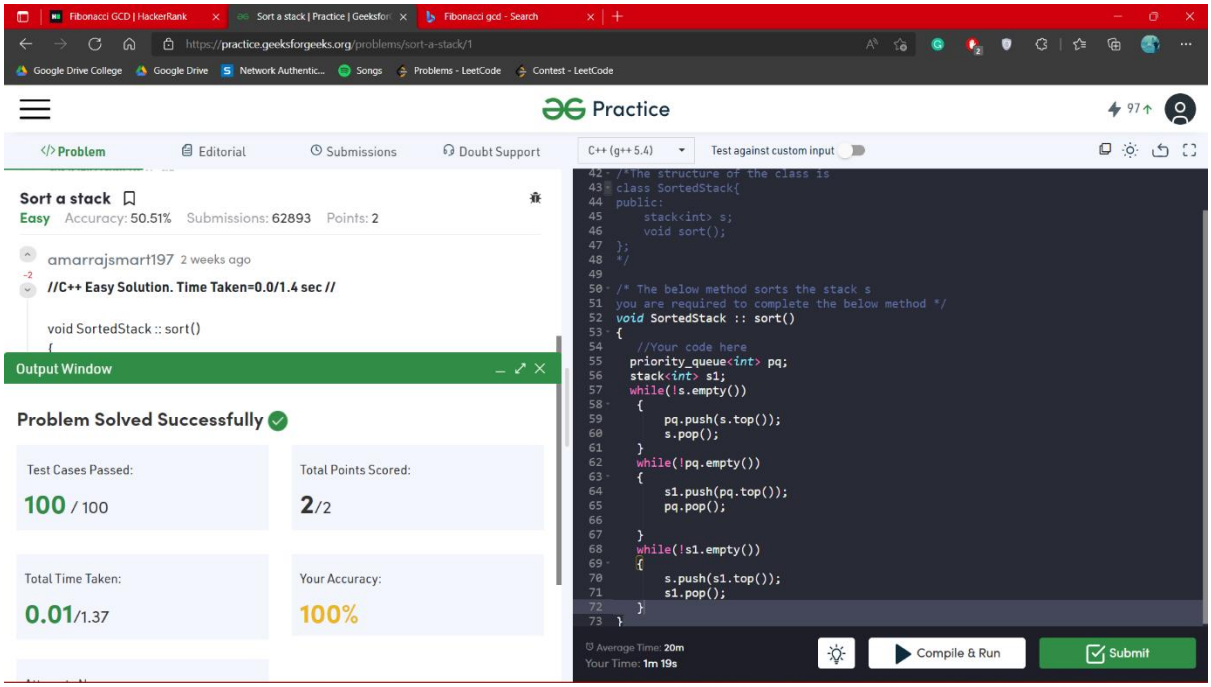


Day 06 Task

Sort a Stack Using Recursion

https://practice.geeksforgeeks.org/problems/sort-a-stack/1

Screenshot of submission:

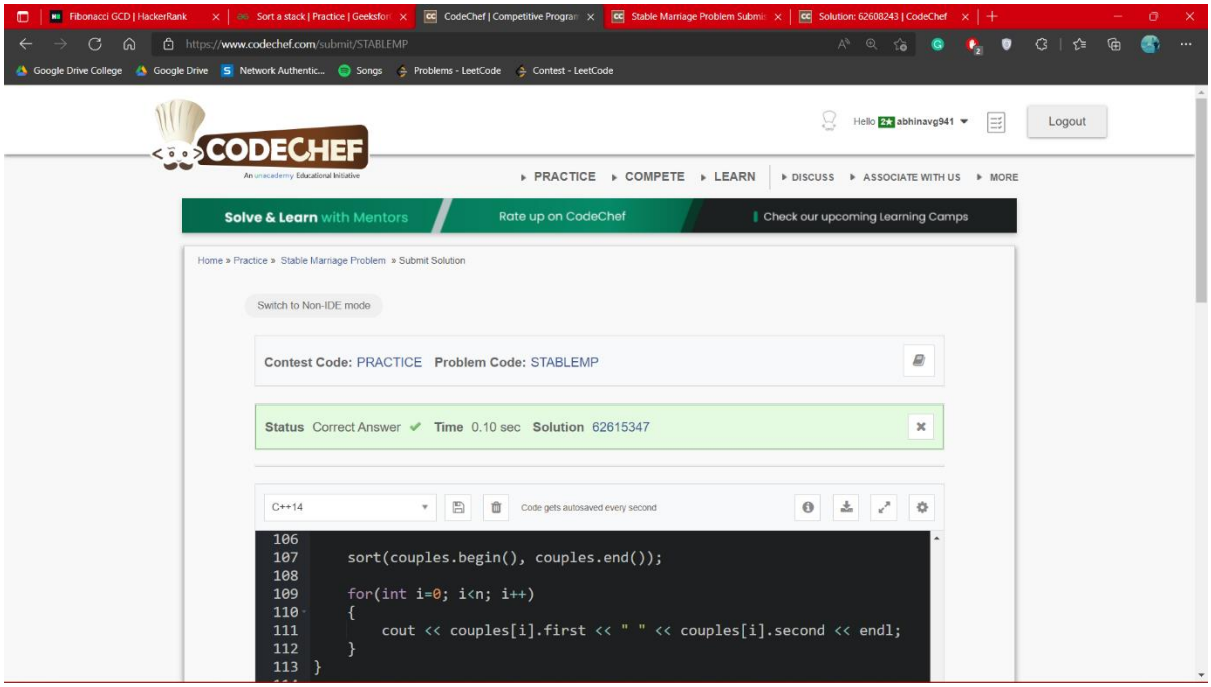


Day 07 Task

Solve the stable marriage problem

https://www.codechef.com/problems/STABLEMP

Screenshot of submission:

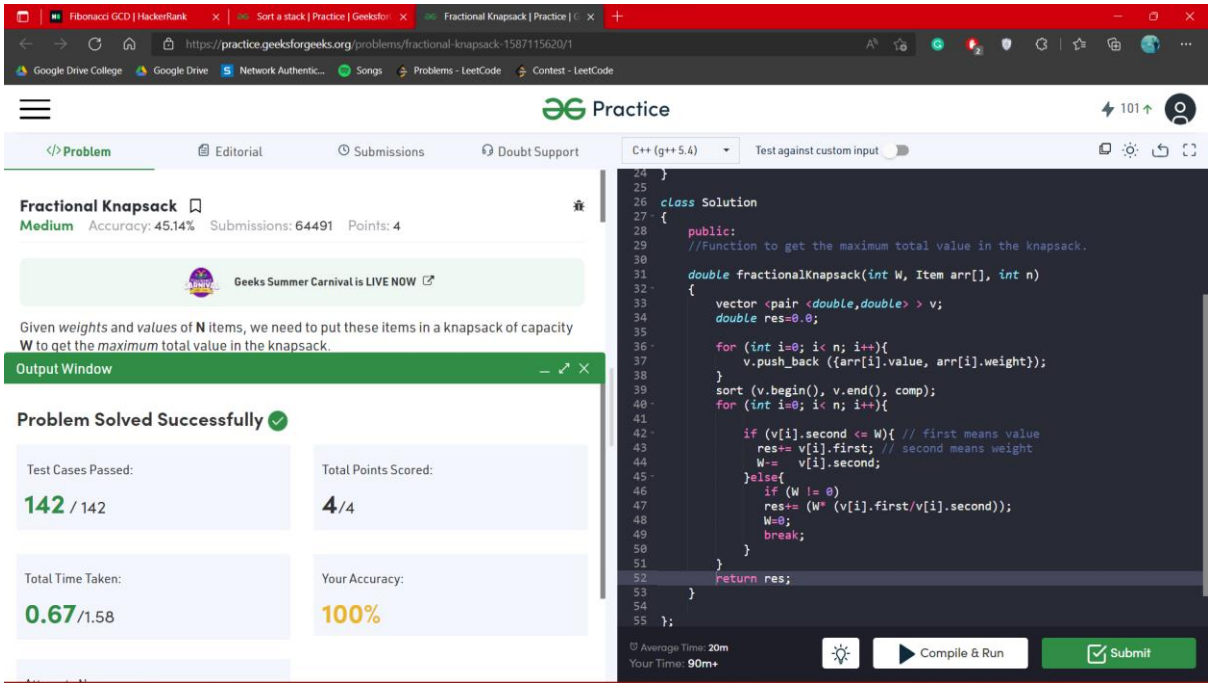


Day 08 Task

Solve the Fractional Knapsack problem

https://practice.geeksforgeeks.org/problems/fractional-knapsack-1587115620/1

Screenshot of submission:

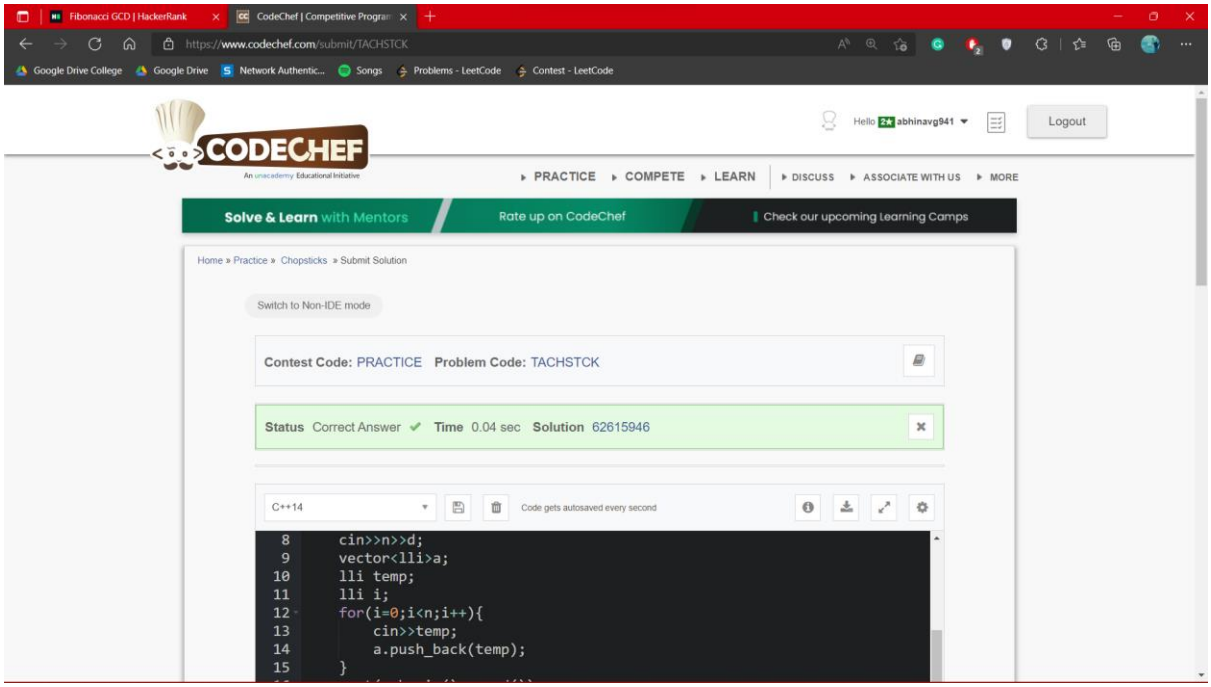


Day 09 Task

Solve the Chopsticks problem

https://www.codechef.com/problems/TACHSTCK

Screenshot of submission:

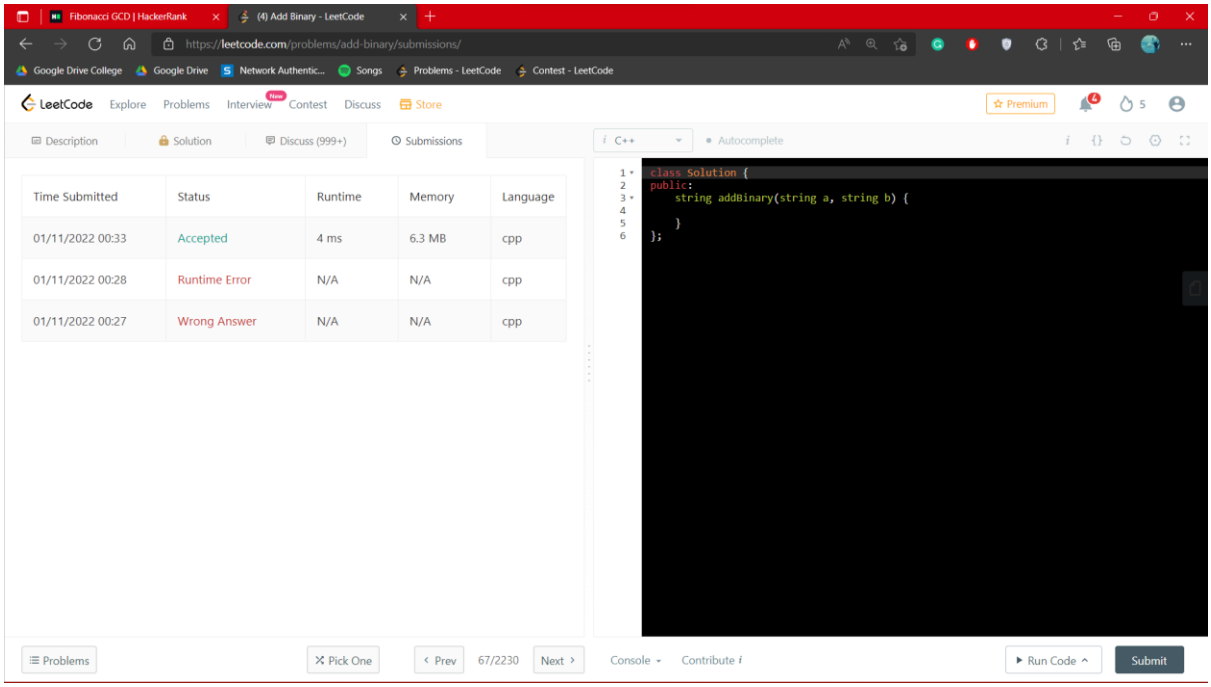


Day 10 Task

Solve the Add Binary problem

https://leetcode.com/problems/add-binary/

Screenshot of submission:

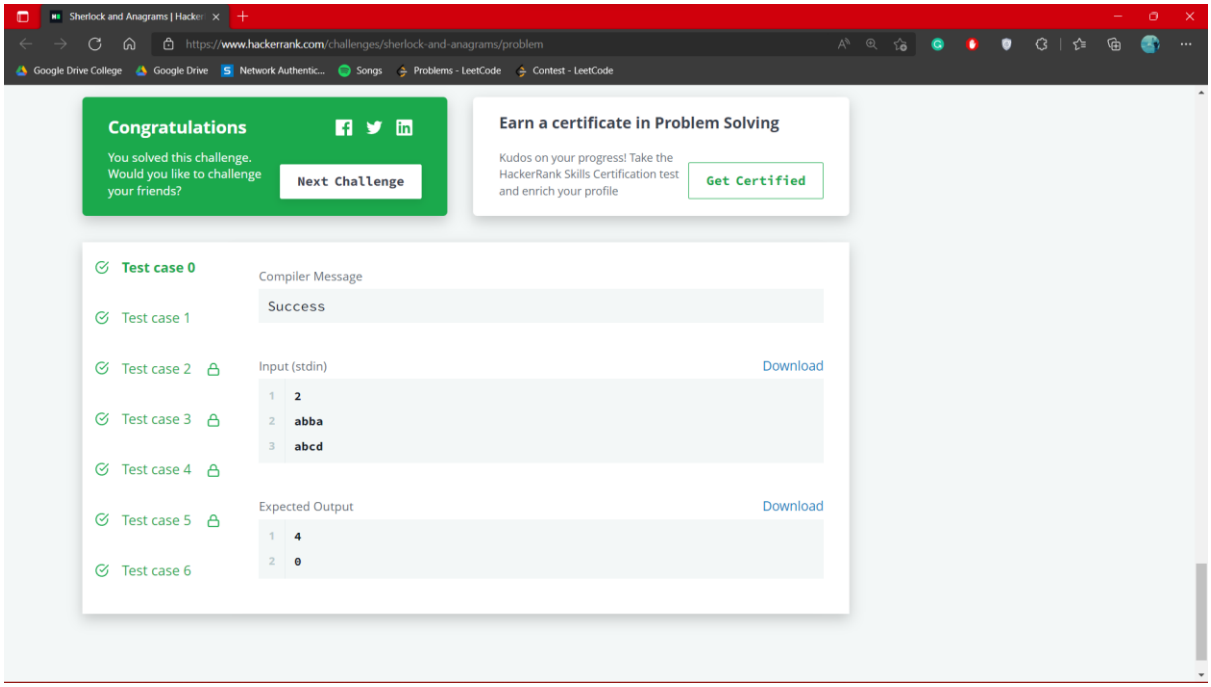


Day 11 Task

Solve the Sherlock and Anagram problem

https://www.hackerrank.com/challenges/sherlock-and-anagrams

Screenshot of submission:

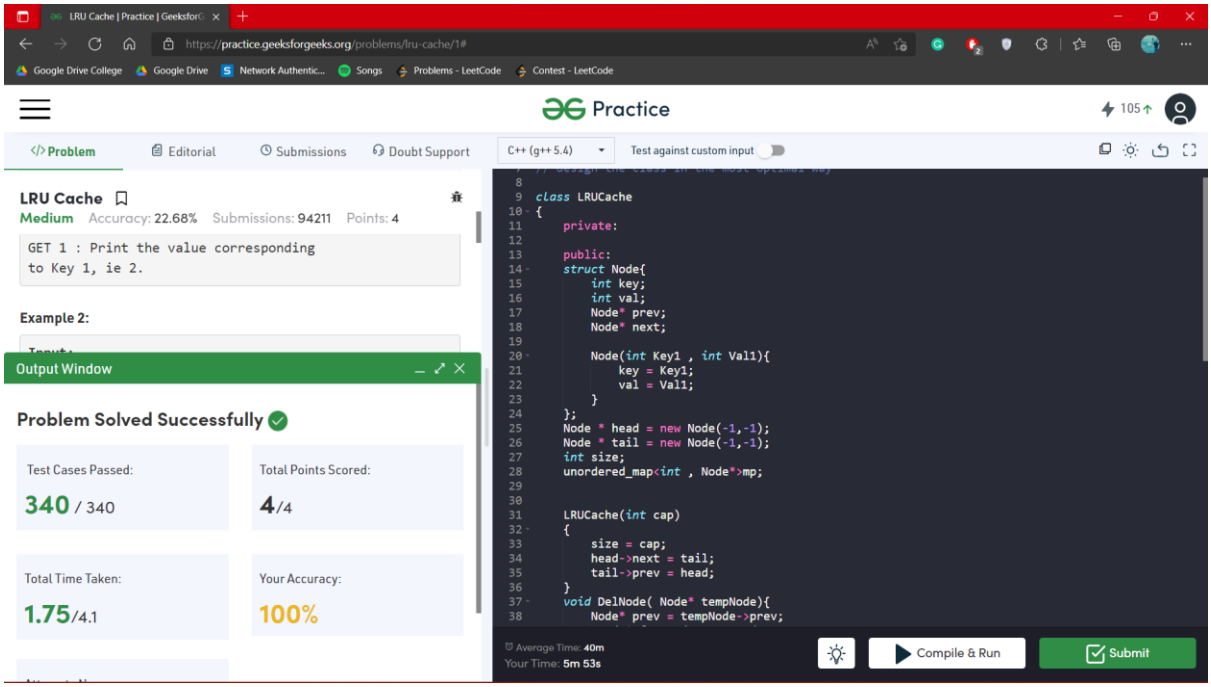


Day 12 Task

Solve the LRU Cache problem

https://practice.geeksforgeeks.org/problems/lru-cache/1

Screenshot of submission:

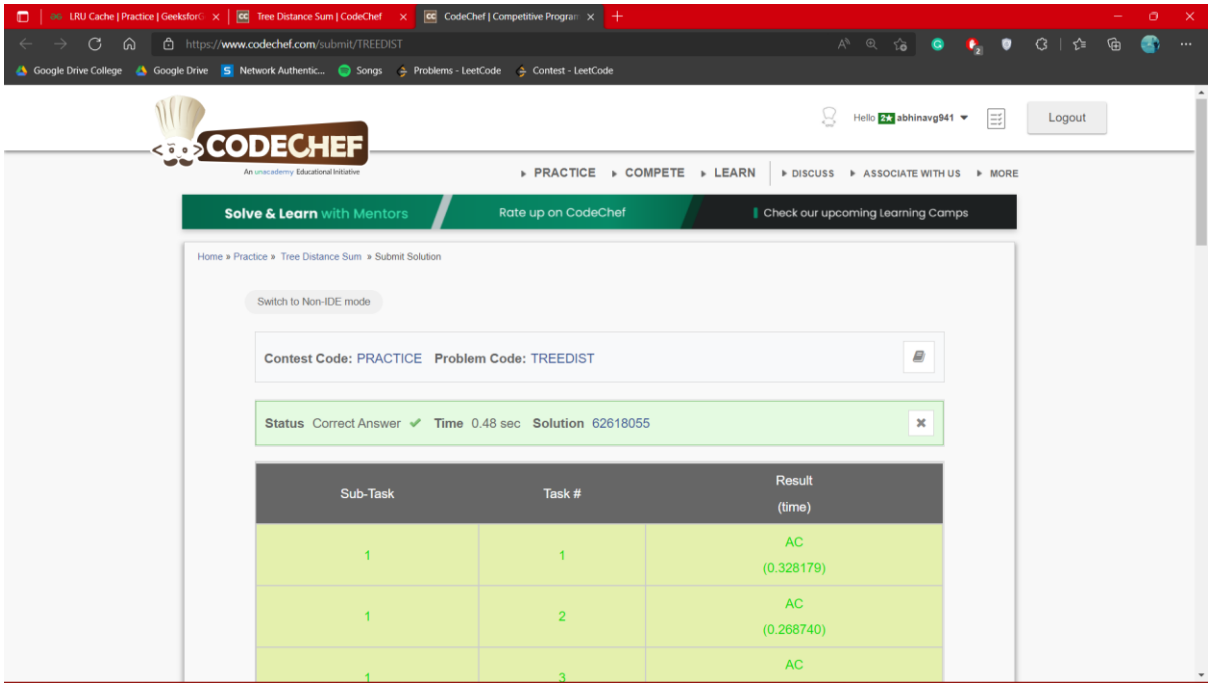


Day 13 Task

Solve the Tree Distance Sum problem

https://www.codechef.com/problems/TREEDIST

Screenshot of submission:

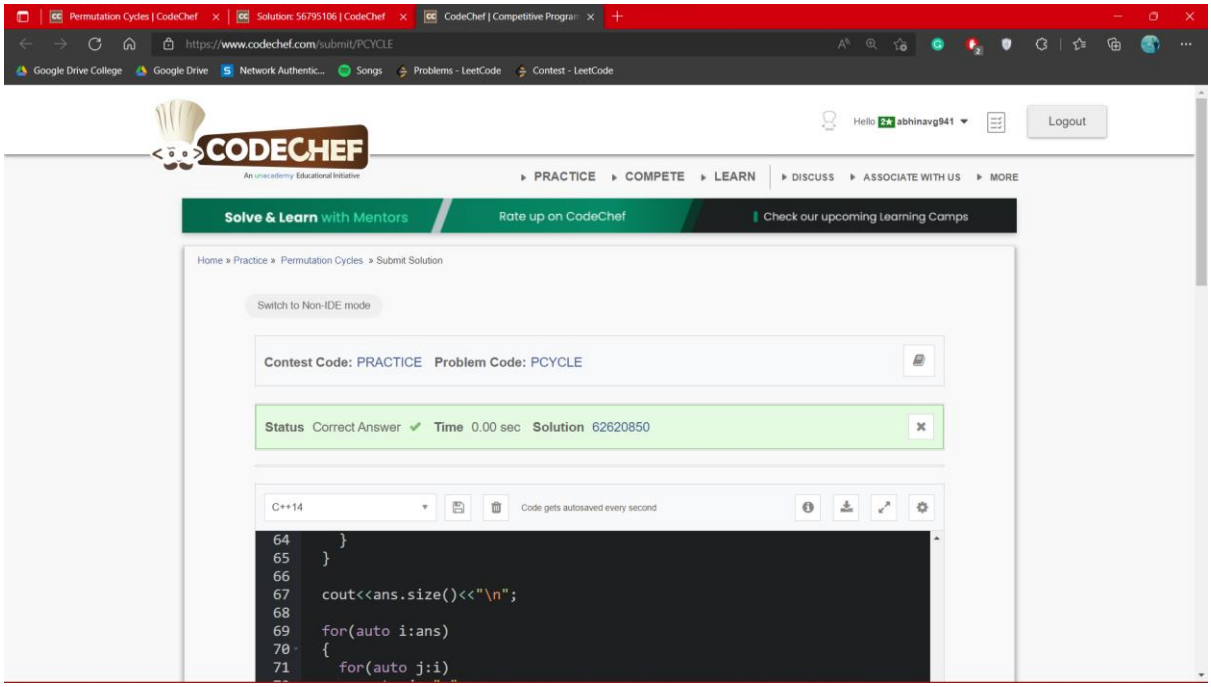


Day 14 Task

Solve the Permutations Cycle problem

https://www.codechef.com/problems/PCYCLE

Screenshot of submission:

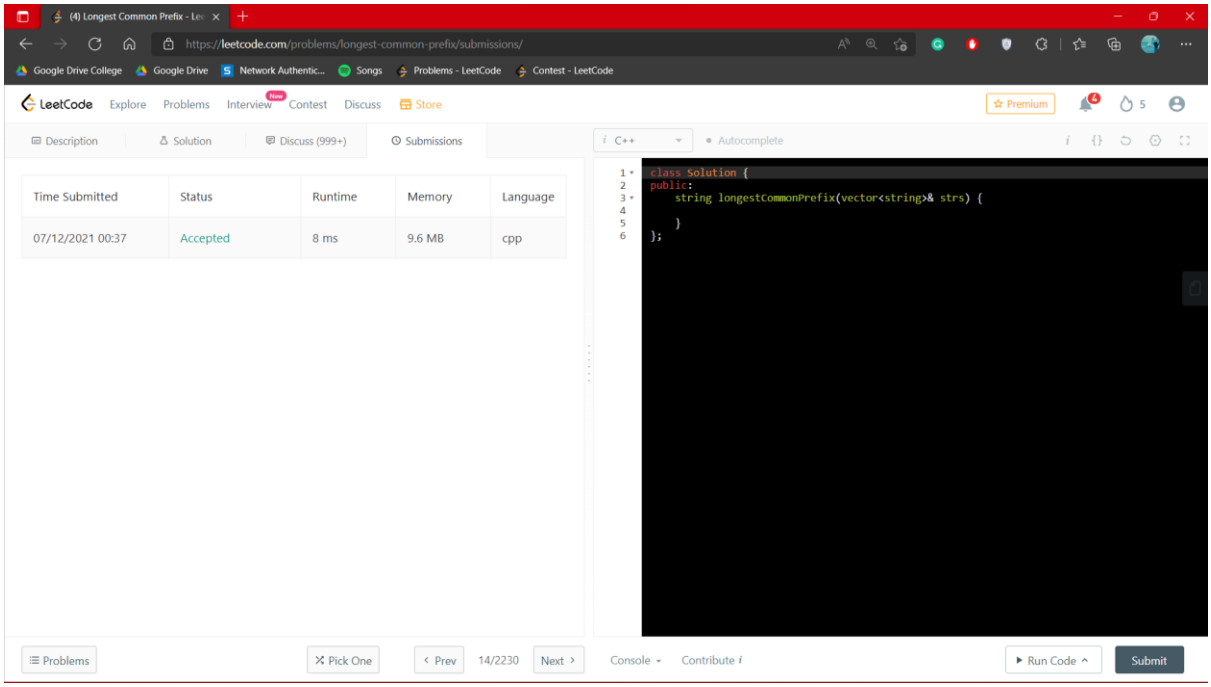


Day 15 Task

Solve the Longest Common Prefix problem

https://leetcode.com/problems/longest-common-prefix/

Screenshot of submission:



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