<KWoC /> 19 IIT KGP FINAL EVALUATION REPORT

NAME – AMIT YADAV (kwoc statistic link https://kwoc.kossiitkgp.org/profile/amit6663)

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STUDENT OF – IIIT ALLAHABAD

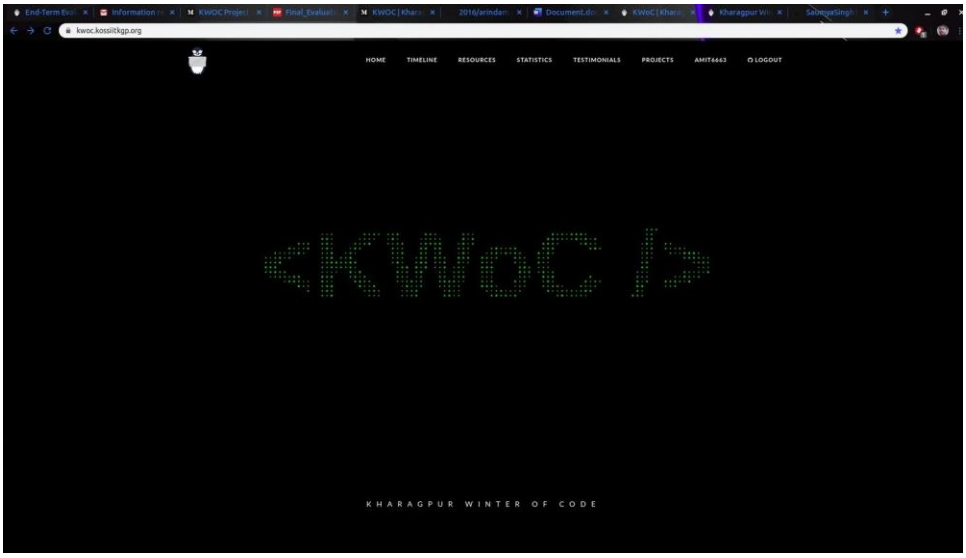
GitHub's Link- https://github.com/amit6663

GitHub's user_name- amit6663

Projects- interview-preparation-kit (https://github.com/maze-runnar/interview-preparation-kit), Soumyajit1729/AndyMouse-kWoC (https://github.com/soumyajit1729/AndyMouse-kWoC) and **Fitofy-India** (https://github.com/SaumyaSingh1/Fitofy-India)

MENTORS – Soumyajit Chakraborty, Saumya Singh and Sundaram Dubey.

Org-Link - https://kwoc.kossiitkgp.org/



ME:

This is Amit Yadav, pursuing B.Tech from IIIT Allahabad (2nd yr) and branch is ECE. Don't think about my branch, I love doing coding and learning algos and I want to implement my knowledge in real life projects.

KWoC:

KWoC (Kharagpur Winter Of Code) is an annual open source program conducted by Kharagpur Open Source Society, IIT Kharagpur. It is a five week long program that runs during the month of December. It's aim to promote open source participation, and use their coding knowledge in real life projects and helping students prepare for events like GSoC etc.

interview-preparation-kit:

Purpose of this project is availing solutions of Hackerrank's interview problems in cpp, java, js and python easily so that candidates could learn and be prepare for the software interview and crack it.

Soumyajit1729/AndyMouse-kWoC:

This is the project of AndyMouse, basically to control mouse movements by android app. This application is developing using Java, xml and python programming.

Fitofy-India:

It is an android application to collect your Health's data like steps count and also teach you excercises through videos and notify you how is your fitness. Java and xml are used for this project.

KWoC Work Experience:

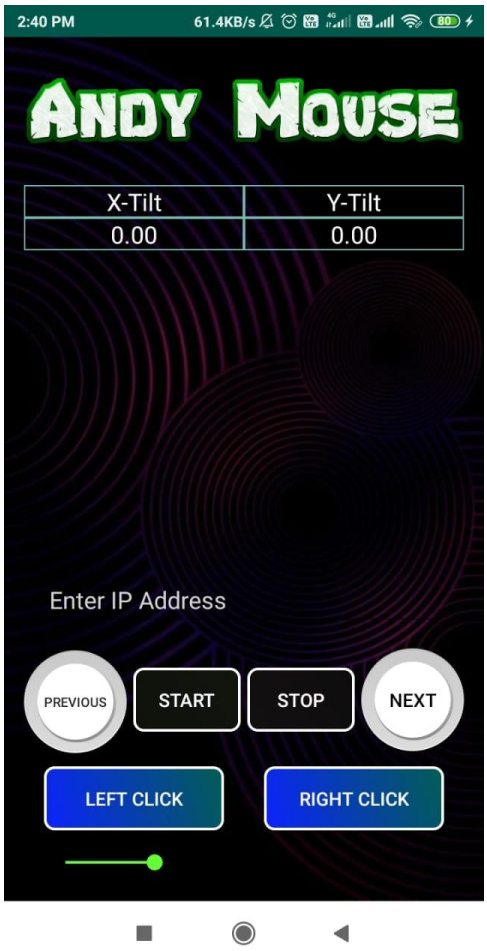
As I don't hesitate to say that I didn't contribute to any open source project at any platform like GitHub, GitLab etc. Before KWoC and when I participated in KWoC, I was feeling uncomfortable and fearing how it would be, how to select projects and I don't have a master knowledge in any programming. But I did some projects before this org. Now I listed all my familiar programming and accordingly I selected issues and contributing on it. New comers I suggest you to select that issue which looks like easy to you.

Experience of working with mentors:

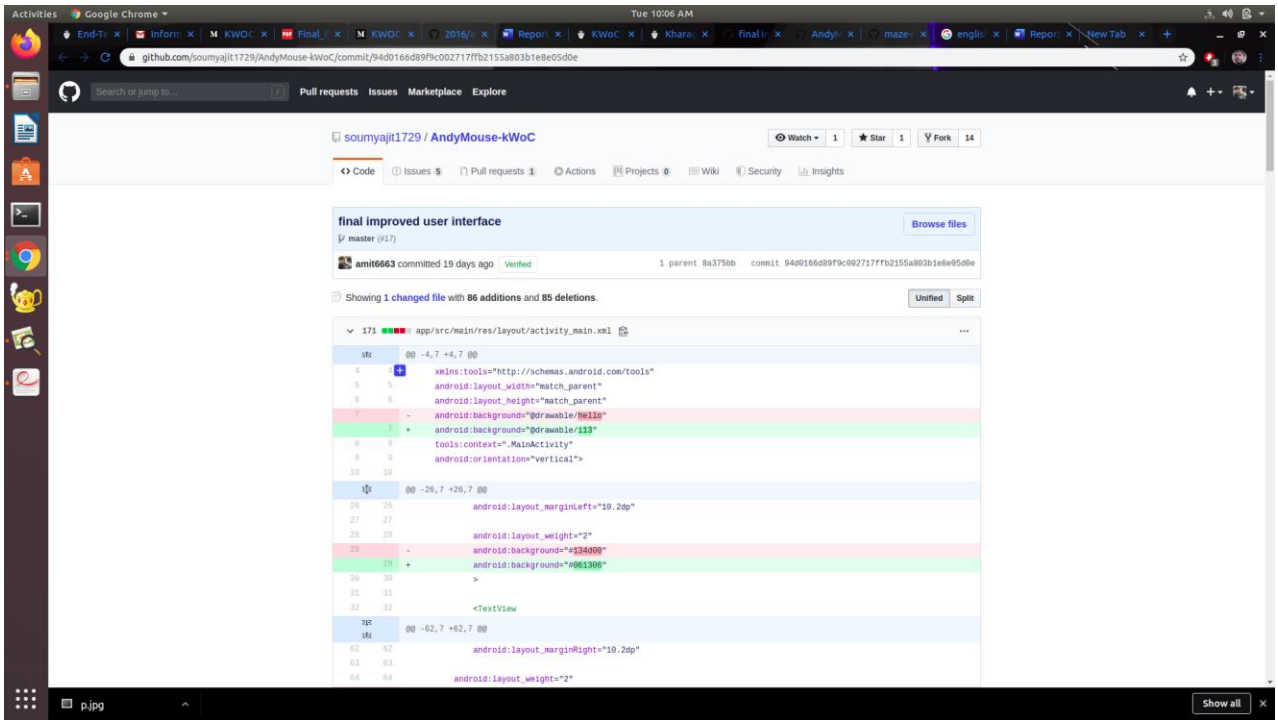
Mentorship *is a relationship in which a more experienced or more knowledgeable person helps to guide a less experienced or less knowledgeable person.* I had worked on three projects, so I interact with three mentors they are Soumyajit Chakraborty, Saumya Singh and Sundaram Dubey. Their behavior was friendly with me and I don't hesitate to ask any things. I increased my open source knowledge on behalf of all of them. They were also more active on groups or channels and replied my doubts.

Merged PRs (statistic link https://kwoc.kossiitkgp.org/profile/amit6663):

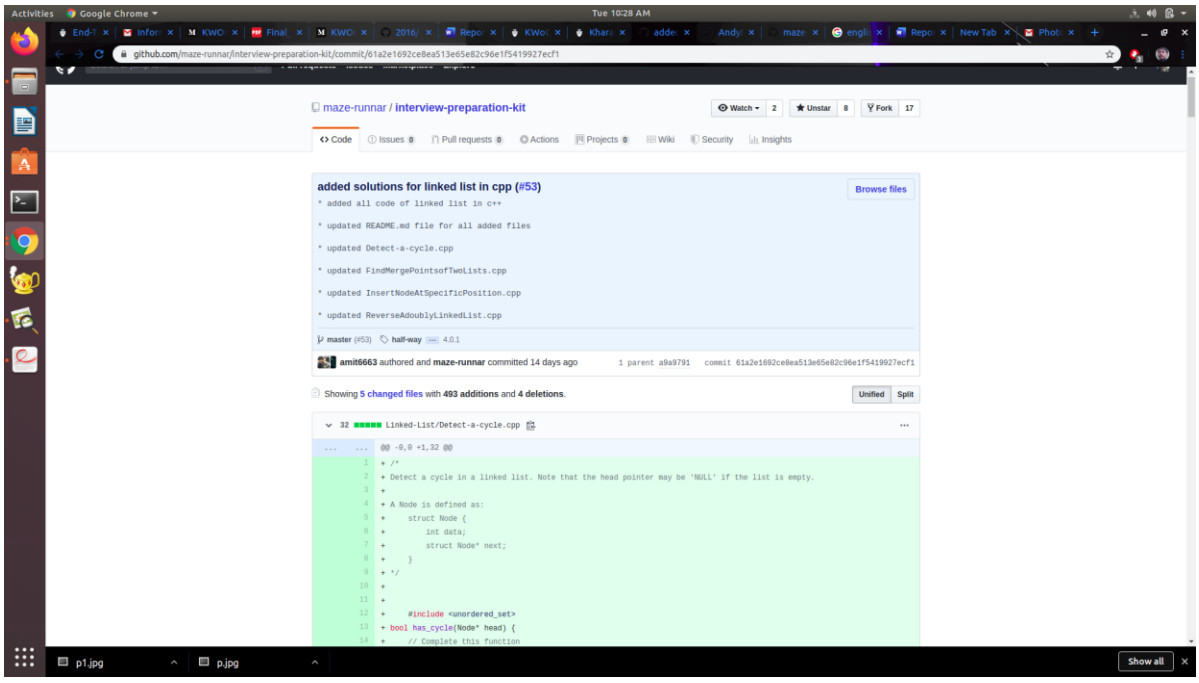
1. First PR- I improved user interface of AndyMouse android application. This was my first PR created and added codes in activity_main file.



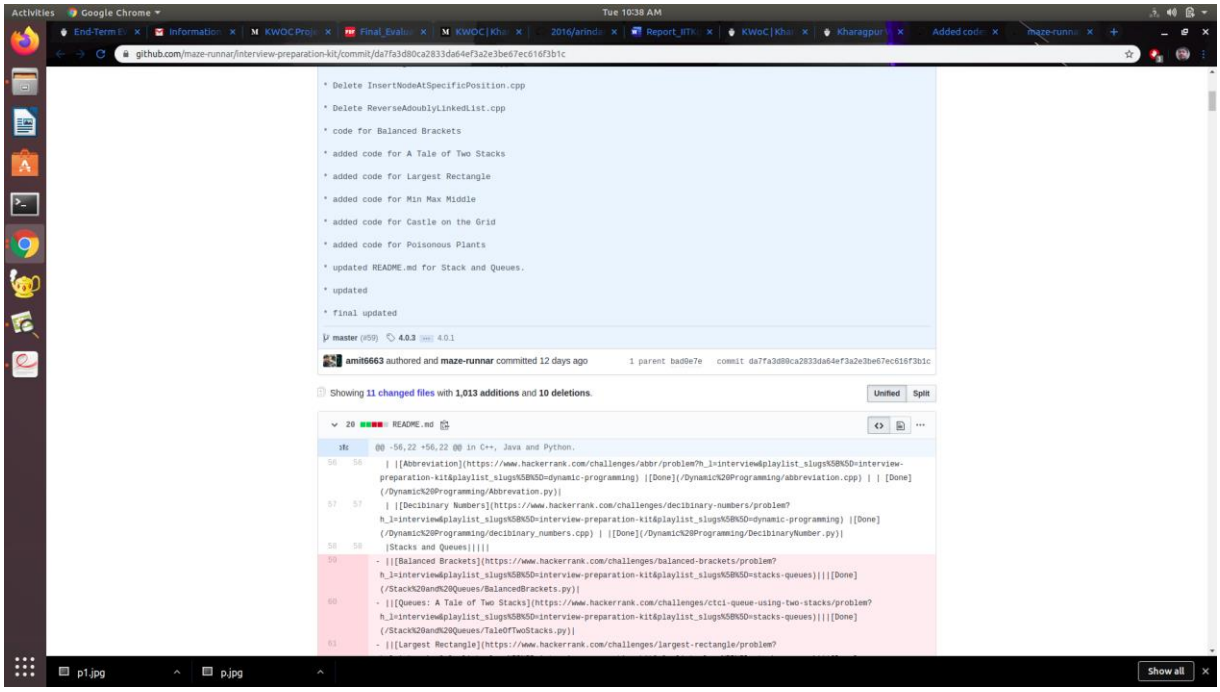
2. Second PR: I did some correction in the above file.



3. Third PR: It was my third PR and I **added all solutions of linked list folder in cpp.**

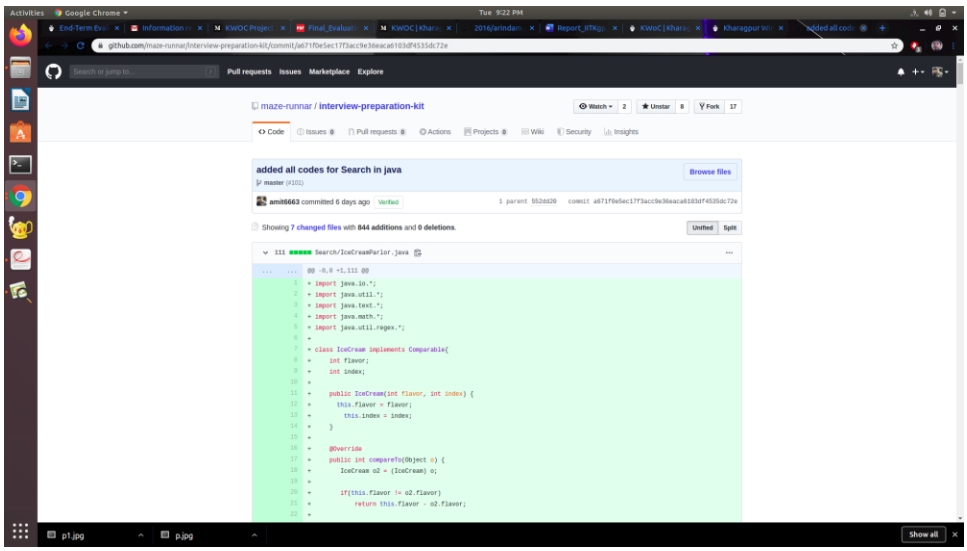


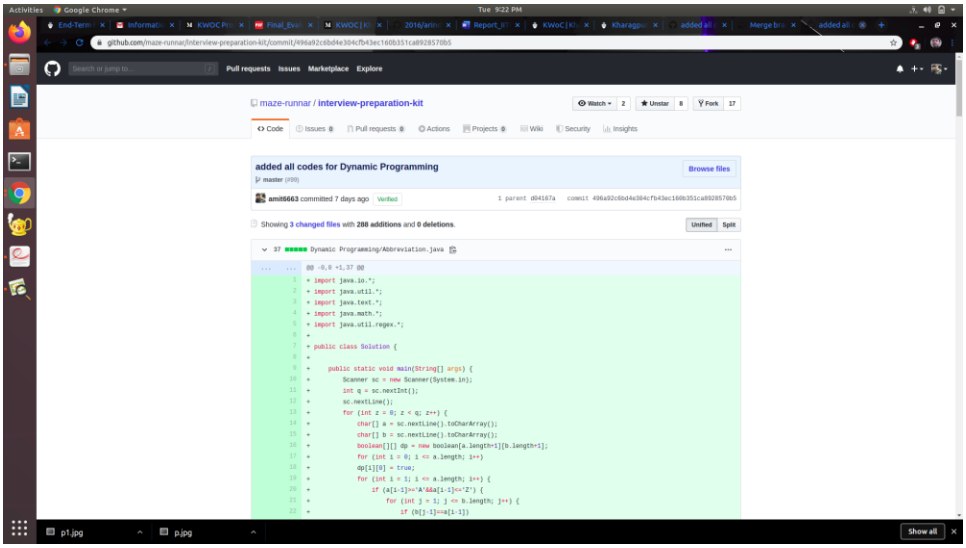
4. Fourth PR: In this I solved many software interview level problems in cpp and Added all codes for Trees, Stack and Queues folder.

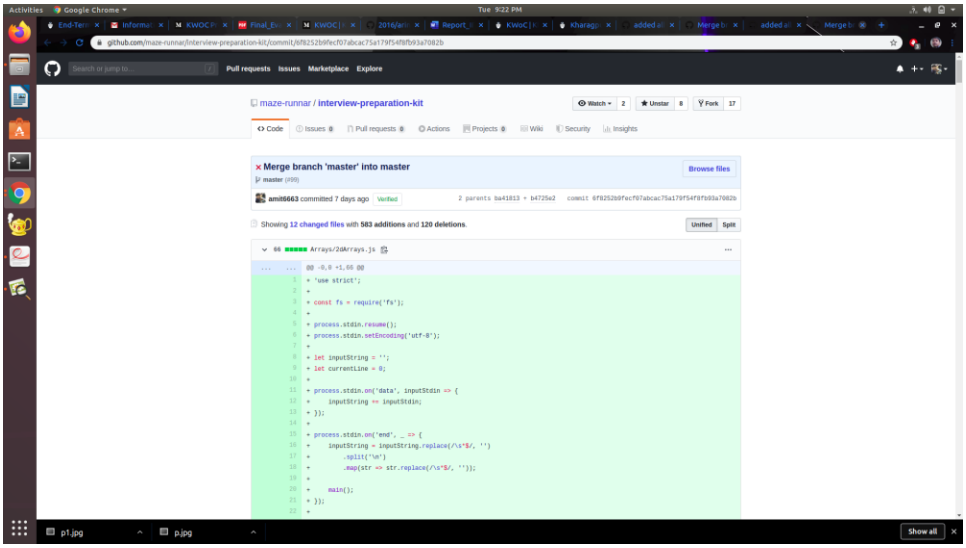


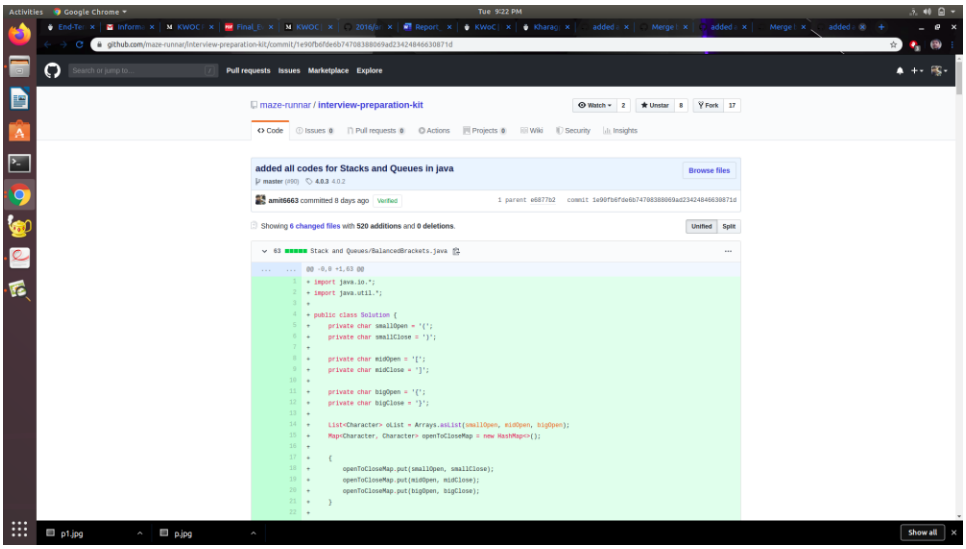
5. Fifth PR, Sixth PR, Seventh PR, Eighth PR, Ninth PR, Tenth PR and Eleventh PR:

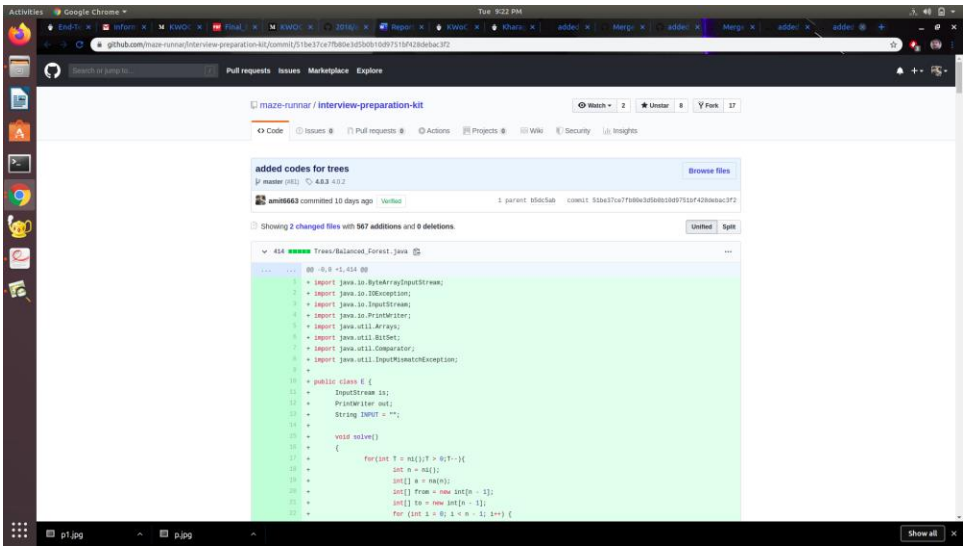
I solved a lot of interview level problems in cpp, java and javascript. Those are from Recursion and Backtracking, Miscellaneous, Dynamic Programming, Search, Greedy Algorithms, String Manipulation, Sorting, Dictionaries and Hashmaps, Graphs, Arrays and Warm Up Challenges folders.

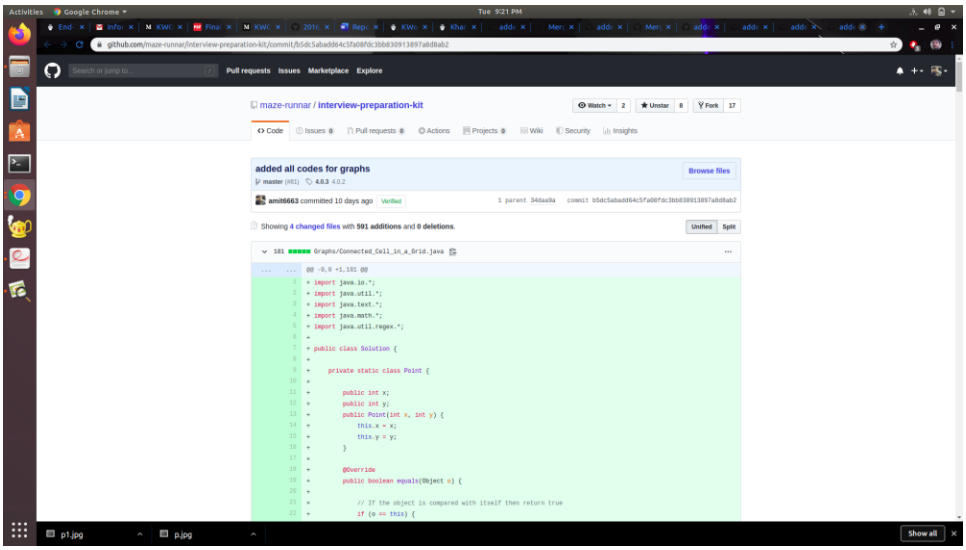



maze-runnar / interview-preparation-kit
added all codes for Dynamic Programming
amit6663 committed 7 days ago
Showing 3 changed files with 288 additions and 0 deletions.
Dynamic Programming/Abbreviation.java
import java.io.*;
import java.util.*;
import java.text.*;
import java.math.*;
import java.util.regex.*;
public class Solution {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
int q = sc.nextInt();
sc.nextLine();
for (int z = 0; z < q; z++) {
char[] a = sc.nextLine().toCharArray();
char[] b = sc.nextLine().toCharArray();
boolean[][] dp = new boolean[a.length+1][b.length+1];
for (int i = 0; i <= a.length; i++)
dp[i][0] = true;
for (int i = 1; i <= a.length; i++) {
if (a[i-1]>='A'&&a[i-1]<='Z') {
for (int j = 1; j <= b.length; j++) {
if (b[j-1]==a[i-1])
p1.jpg
p.jpg
Show all


maze-runnar / interview-preparation-kit
Merge branch 'master' into master
amit6663 committed 7 days ago
Showing 12 changed files with 583 additions and 120 deletions.
Arrays/2dArrays.js
'use strict';
const fs = require('fs');
process.stdin.resume();
process.stdin.setEncoding('utf-8');
let inputString = '';
let currentLine = 0;
process.stdin.on('data', inputStdin => {
inputString += inputStdin;
});
process.stdin.on('end', _ => {
inputString = inputString.replace(/\s*$/, '')
.split('\n')
.map(str => str.replace(/\s*$/, ''));
main();
});
p1.jpg
p.jpg
Show all


maze-runnar / interview-preparation-kit
added all codes for Stacks and Queues in java
amit6663 committed 8 days ago
Showing 6 changed files with 520 additions and 0 deletions.
Stack and Queues/BalancedBrackets.java
p1.jpg
p.jpg


maze-runnar / interview-preparation-kit
added codes for trees
amit6663 committed 10 days ago
Showing 2 changed files with 567 additions and 0 deletions.
Trees/Balanced_Forest.java
p1.jpg
p.jpg


maze-runnar / interview-preparation-kit
added all codes for graphs
amit6663 committed 10 days ago
Showing 4 changed files with 591 additions and 0 deletions.
Graphs/Connected_Cell_in_a_Grid.java
p1.jpg
p.jpg

Future of the Project:

The candidate who wants to prepare for software intern or interview from hackerrank platform, they easily find the solutions if they will not be able to solve and it also encourage them to solve more and more problems.