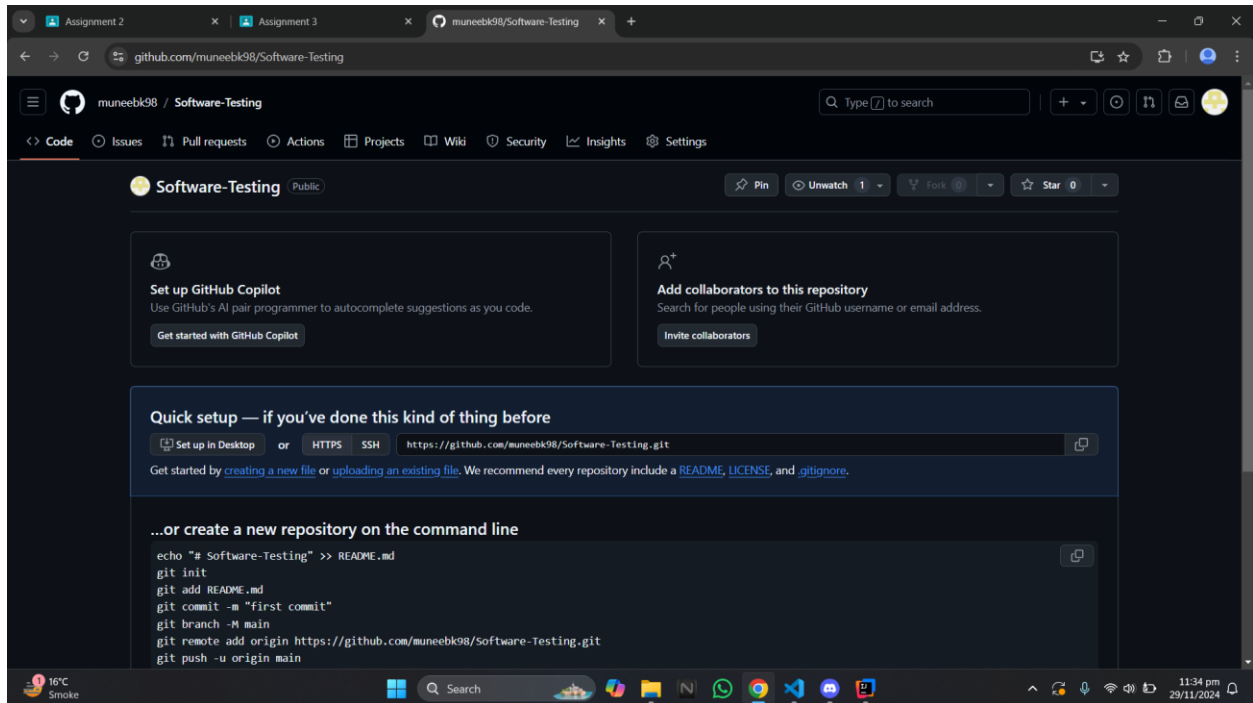


# Assignment 3

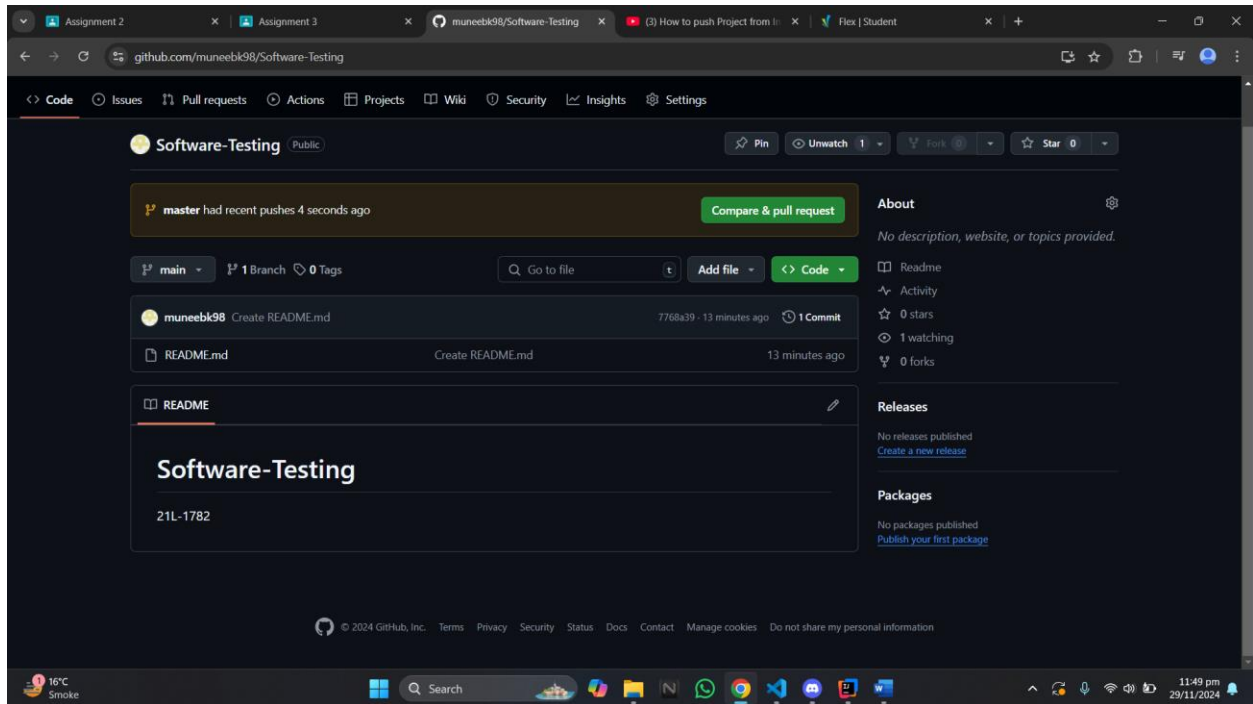
Muhammad Muneeb Khalid

21L-1782

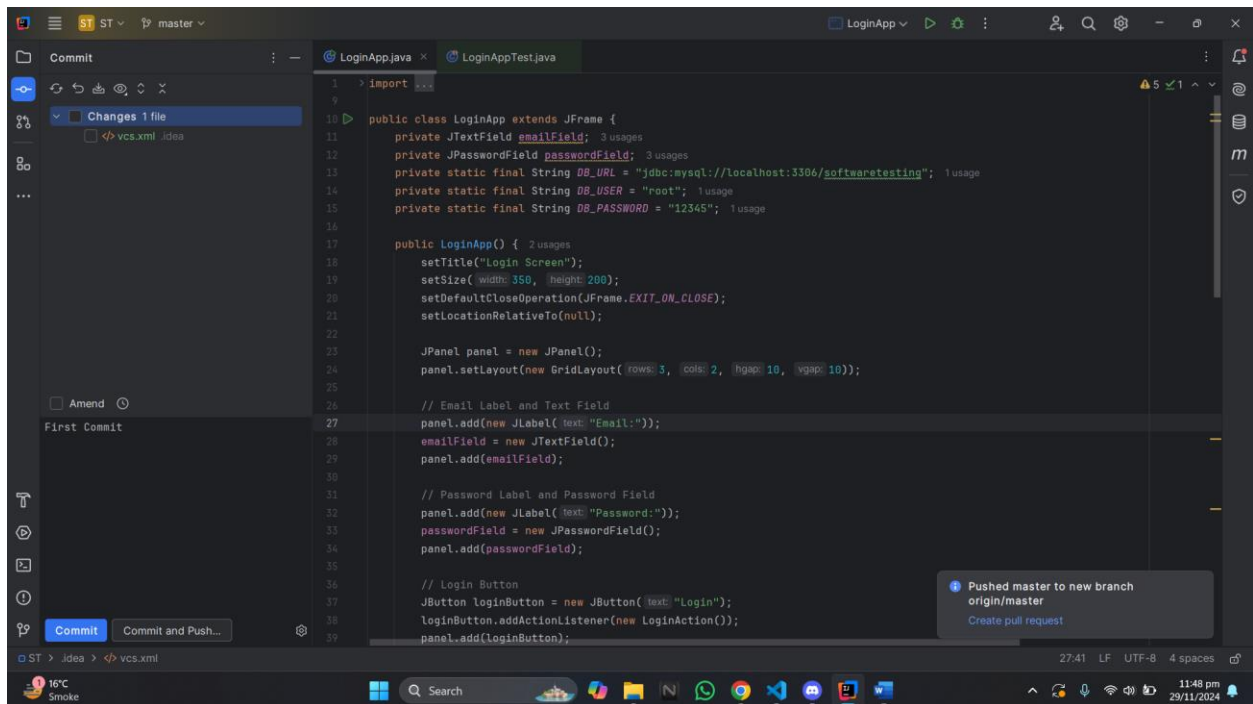
1. A new public GitHub repository was created for the project.



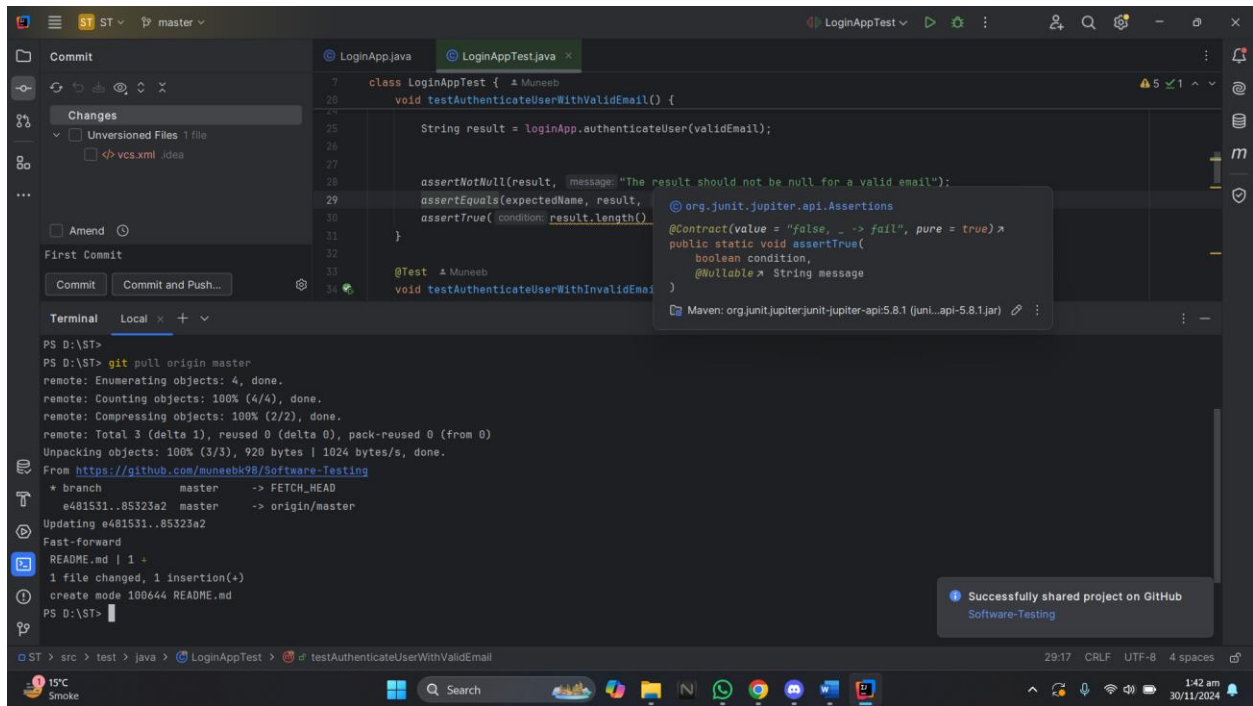
2. A README.md file was added to the repository, containing the roll number.



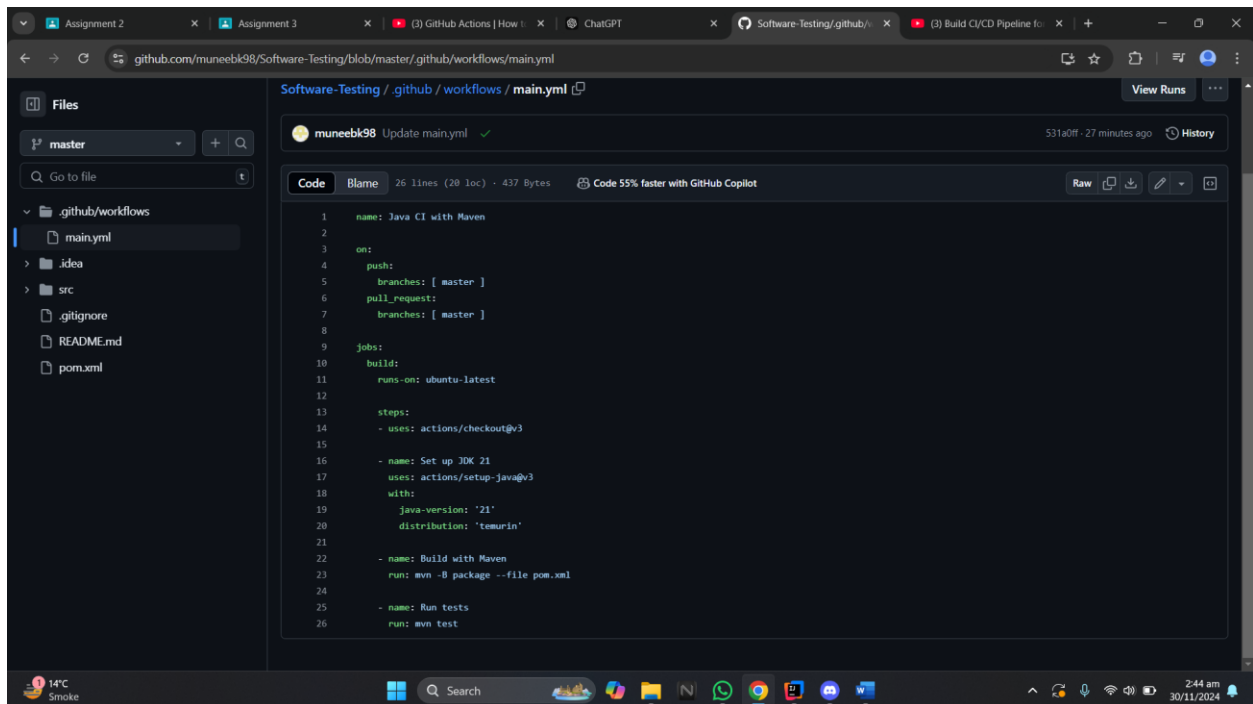
3. The project was pushed to the GitHub repository.



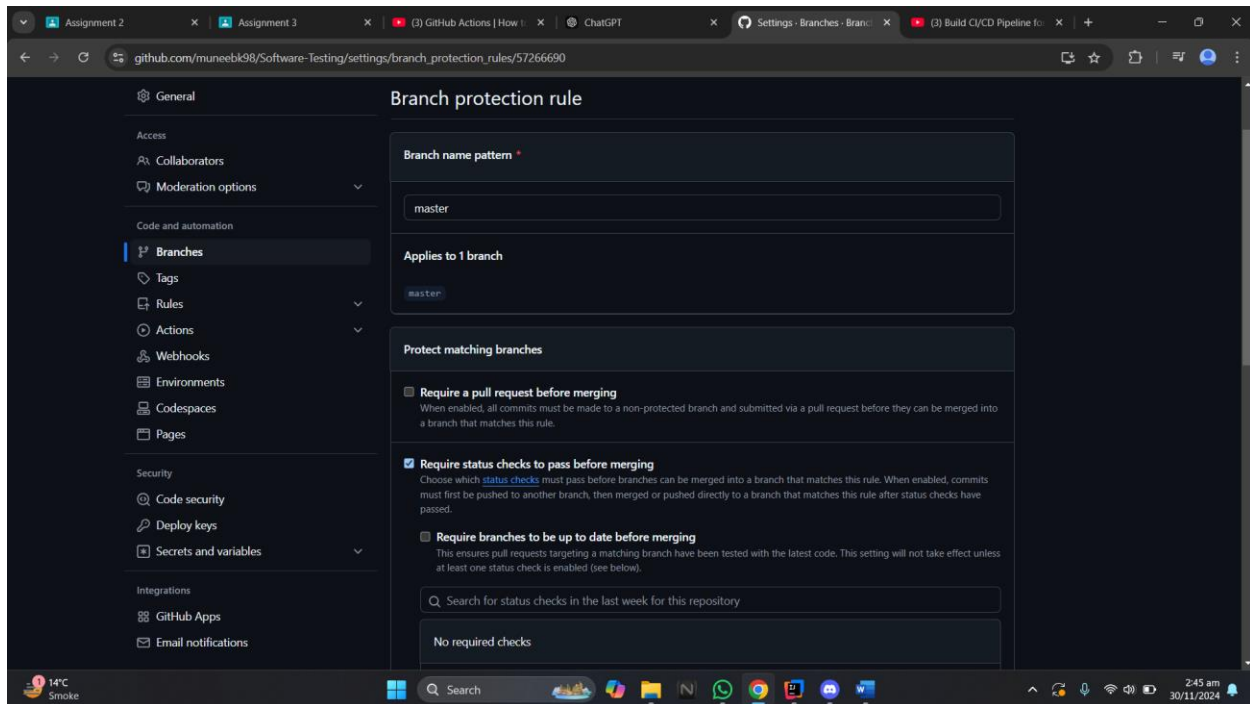
- The code was pulled to the local machine to ensure synchronization with the remote repository.



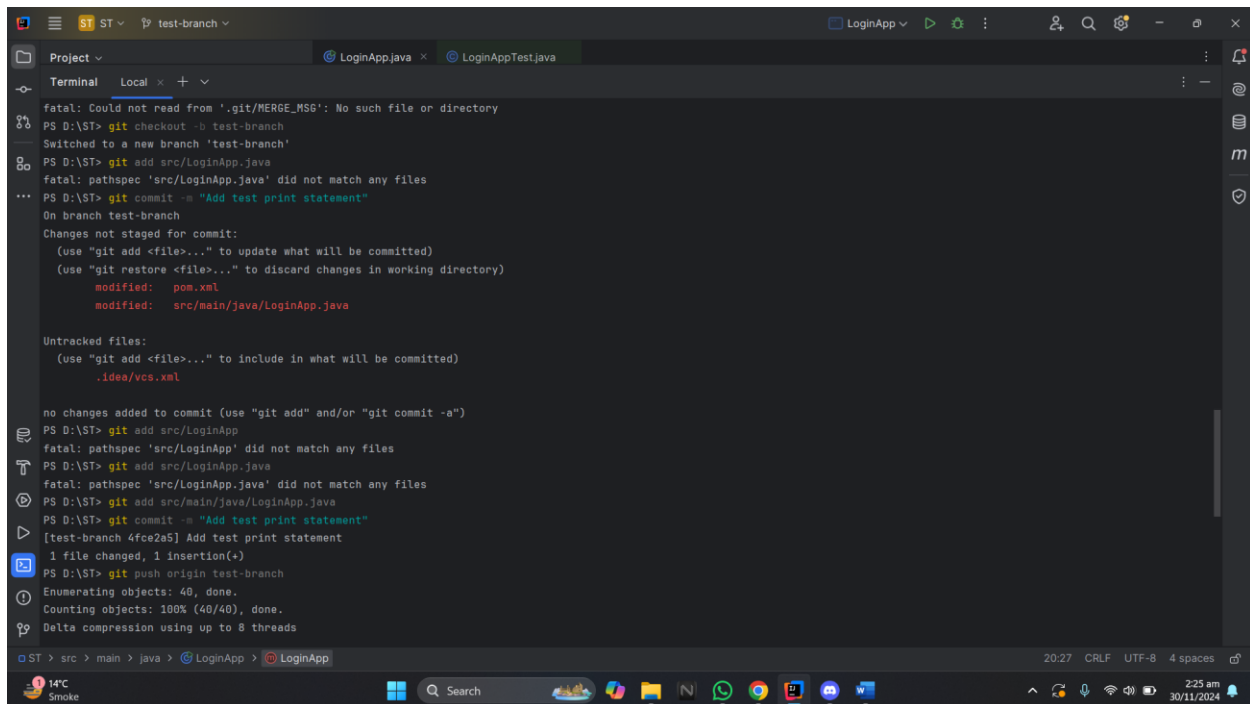
- GitHub Actions workflow was created to automatically run tests,



6. Branch protection rules were set for the main branch allowing merges only if all tests pass.



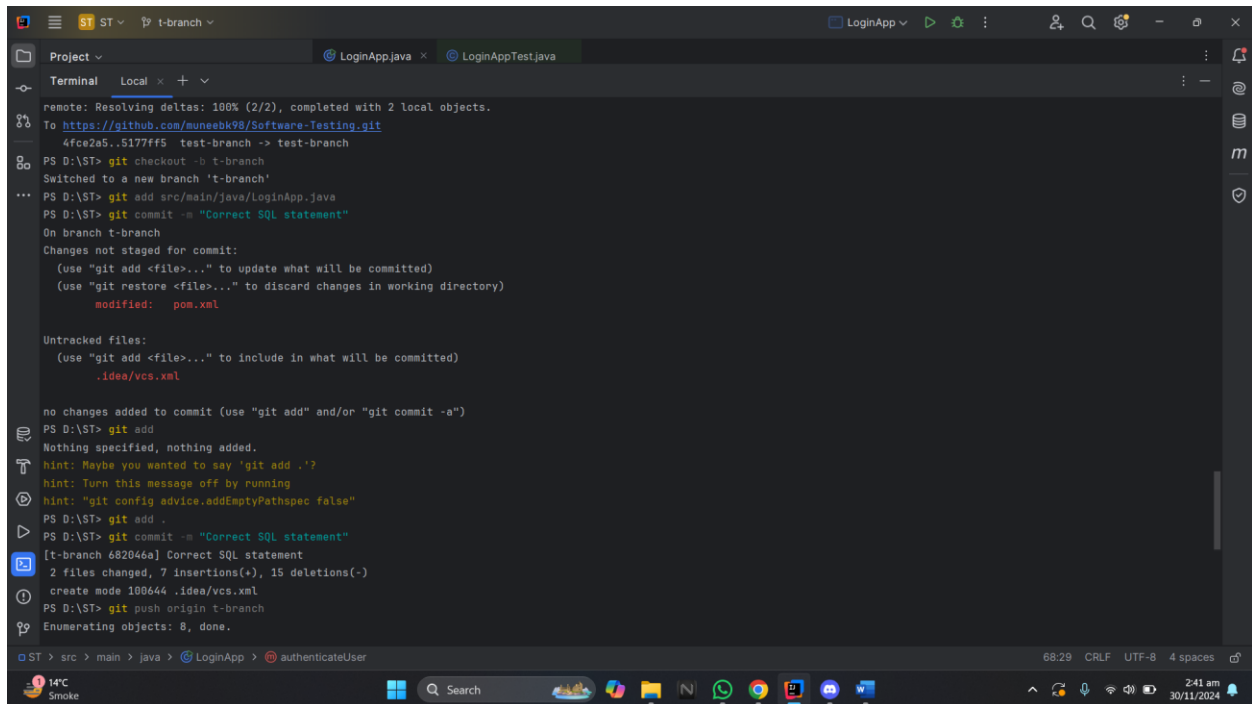
7. A test branch was created, and a print statement was added to LoginApp.java.



8, 9. The original code was pushed to a new branch, triggering the workflow.

The screenshot displays a GitHub Pull Request (PR) interface for a repository named 'Software-Testing'. The PR is titled 'muneebk98 wants to merge 3 commits into master from test-branch'. The PR is currently open and has 3 commits. The commit history shows three commits: 'Update Maven Compiler Plugin for Java 21 support' (32fd956), 'Merge remote-tracking branch 'origin/master'' (34a065b), and 'Add test print statement' (dfce2a5). The PR status is 'All checks have passed' with 1 successful check. A message indicates 'This branch has no conflicts with the base branch' and that merging can be performed automatically. The PR is owned by 'muneebk98' and has no reviews, assignees, labels, projects, milestones, or development status. The interface includes a 'Merge pull request' button and a 'Show all checks' link. The bottom of the screen shows a Windows taskbar with the date and time as 2:27 am on 30/11/2024.

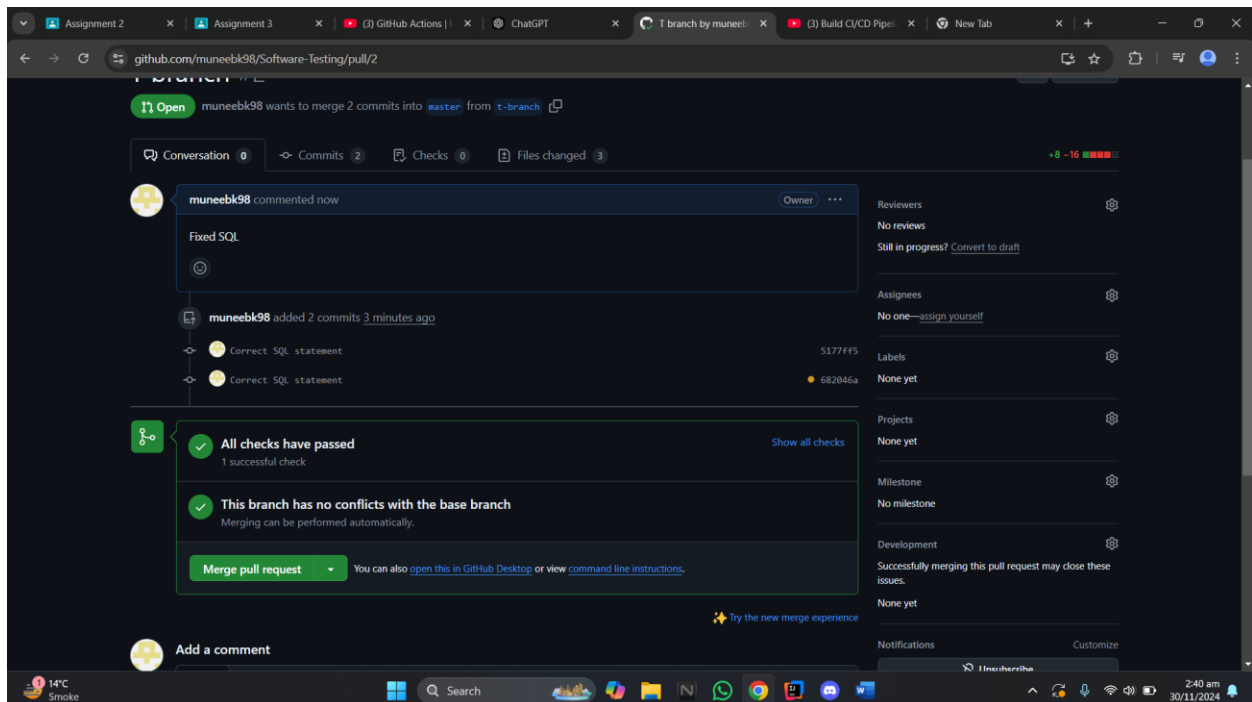
10. The SQL statement was updated, pushed to a new branch, and tested via the workflow. After passing all tests, the code was merged into the main branch.



```
PS D:\ST> git checkout -b t-branch
Switched to a new branch 't-branch'
PS D:\ST> git add src/main/java/LoginApp.java
PS D:\ST> git commit -m "Correct SQL statement"
On branch t-branch
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   pom.xml

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .idea/vcs.xml

no changes added to commit (use "git add" and/or "git commit -a")
PS D:\ST> git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'
hint: Turn this message off by running
hint: "git config advice.addEmptyPaths false"
PS D:\ST> git add .
PS D:\ST> git commit -m "Correct SQL statement"
[t-branch 682046a] Correct SQL statement
 2 files changed, 7 insertions(+), 15 deletions(-)
 create mode 100644 .idea/vcs.xml
PS D:\ST> git push origin t-branch
Enumerating objects: 8, done.
```



github.com/muneebk98/Software-Testing/pull/2

**Open** muneebk98 wants to merge 2 commits into master from t-branch

Conversation 0 | Commits 2 | Checks 0 | Files changed 3

**muneebk98** commented now

Fixed SQL

**muneebk98** added 2 commits 3 minutes ago

- Correct SQL statement (5177ff5)
- Correct SQL statement (682046a)

**All checks have passed** (1 successful check)

**This branch has no conflicts with the base branch** (Merging can be performed automatically.)

**Merge pull request** You can also open this in GitHub Desktop or view command line instructions.

**Add a comment**

Reviews: No reviews. Still in progress? Convert to draft.

Assignees: No one—assign yourself.

Labels: None yet.

Projects: None yet.

Milestone: No milestone.

Development: Successfully merging this pull request may close these issues.

Notifications: Customize.