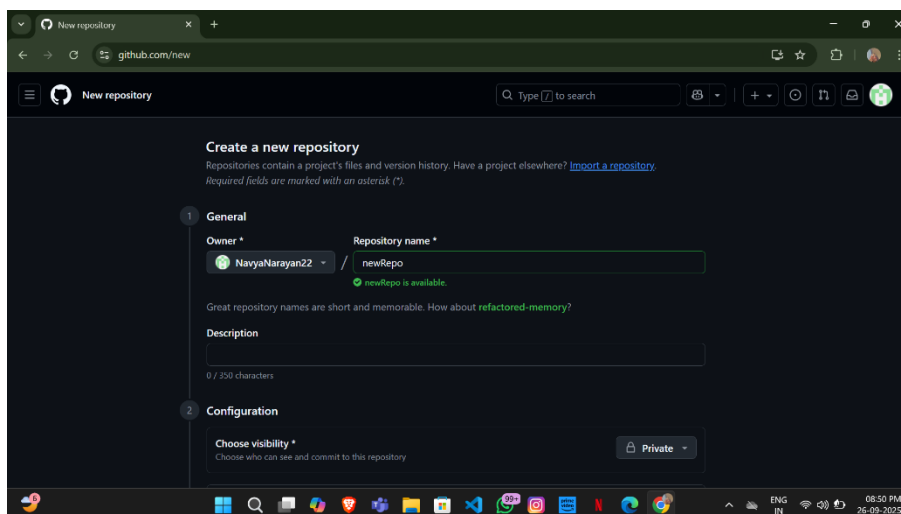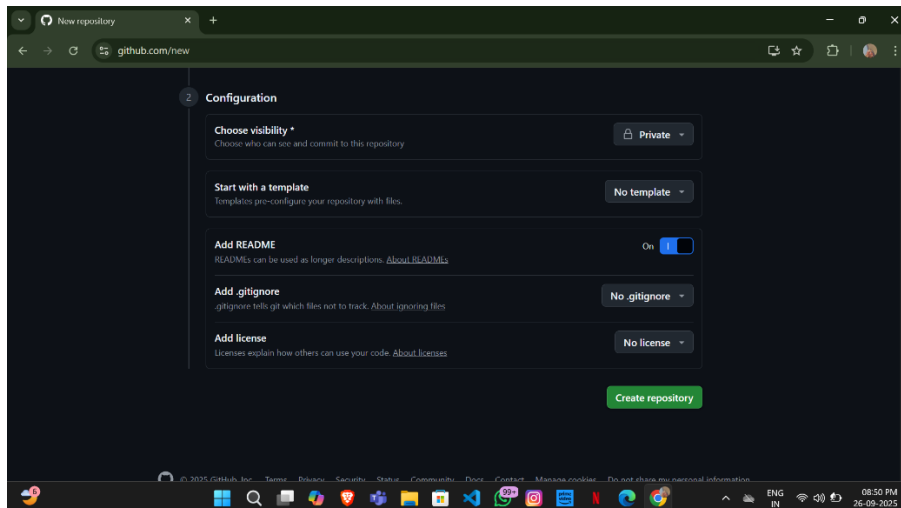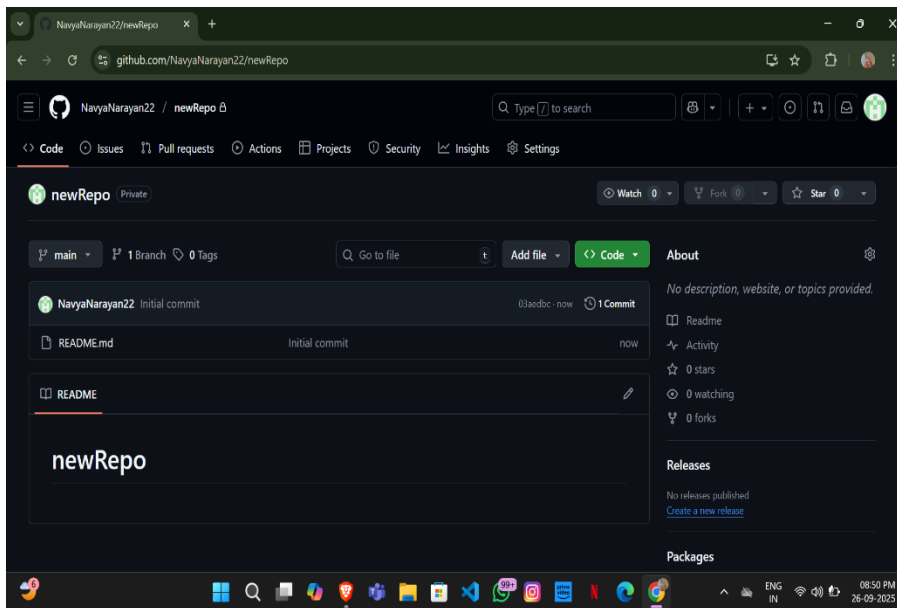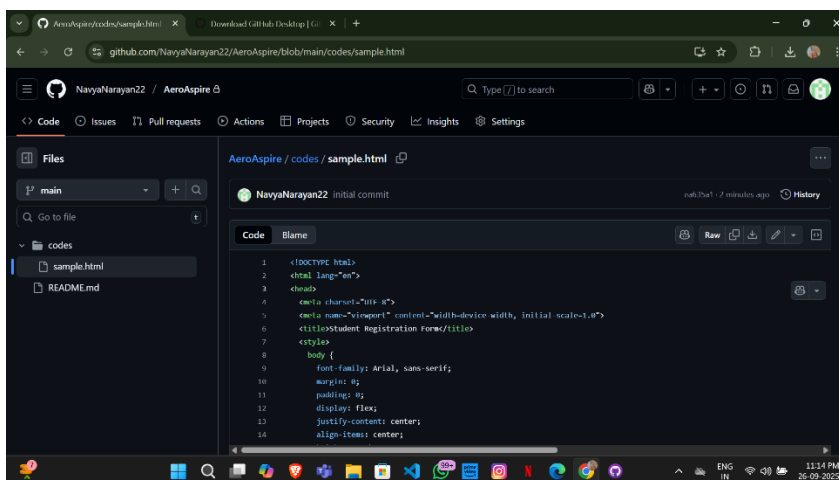NAVYA NARAYAN PANICKER

WEEK 1
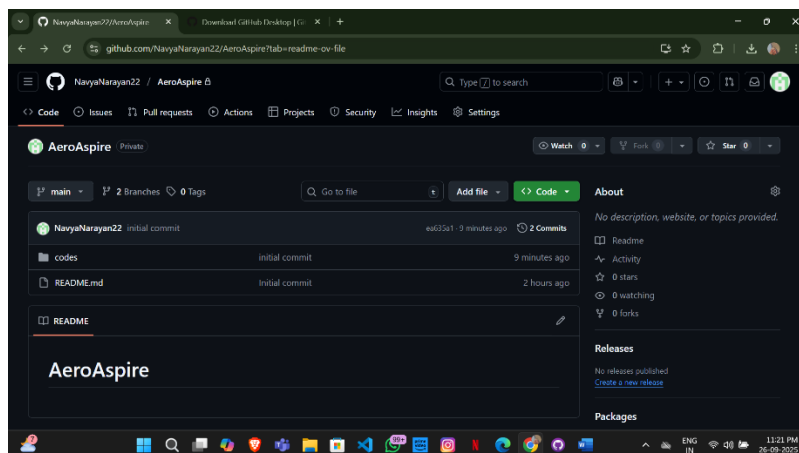
DAY 3: 25/09/25 [THURSDAY]

TASK 1: Initialize repo; commit daily work; create feature branch; merge after review

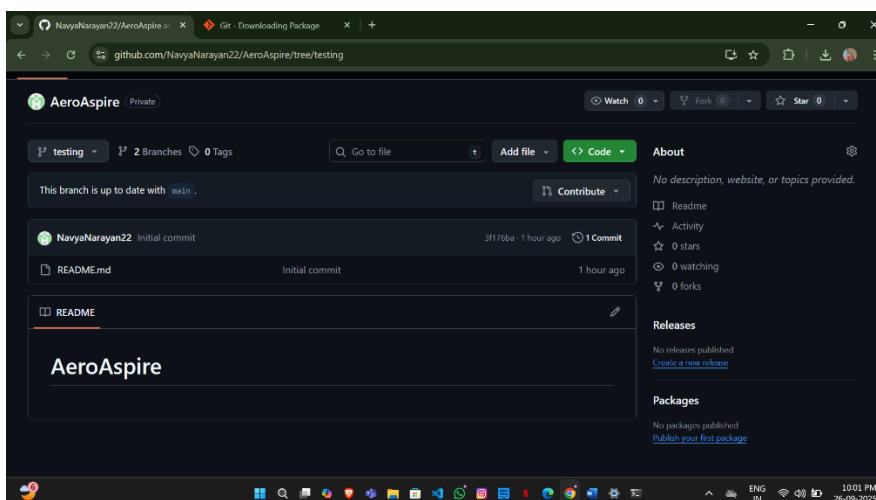2. commit:

3. create feature branch:
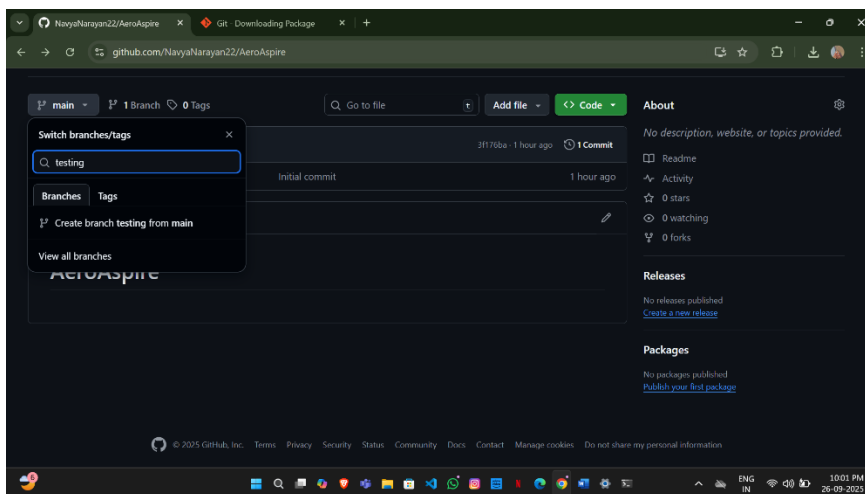
QUESTIONS/ REFLECTION:

What is the workflow from making changes → staging → commit → push?

Making changes such ass add contents, delete, alter etc

After u make changes , you select the changed file that has to commit, it will make a note of that and prepare for the changes.

It saves the staged changes in the local repository and save the changes with a commit message.

Push is when you upload all the saved changed into githuub so that u can access those and other collaborators if included.

 What is a merge conflict: what causes it, and how do you resolve?

Merge conflicts happen when u combine the changes from both the branches and it does not know which one to save.

Use conflict markers

Manually edit

Use git add . to add the file and then commit using git commit.

Describe what happens under the hood with git commit: what objects are stored? (briefly)

When git commit is run the git will save a snapshot of of the changes that were made under the hood.

It will record the info like the previous links to the commit etc.

Blob, tree and commit objects are stored