@MohaiminulBJIT has invited you to collaborate on the MohaiminulBJIT/git-github-exam repository

You can accept or decline this invitation. You can also head over to https://github.com/MohaiminulBJIT/git-github-exam to check out the repository or visit @MohaiminulBJIT to learn a bit more about them.
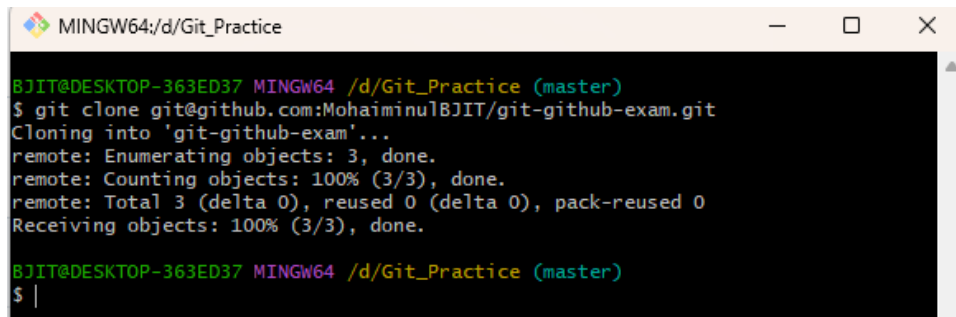
This invitation will expire in 7 days.

View invitation

- At first my team leader added me as a collaborator
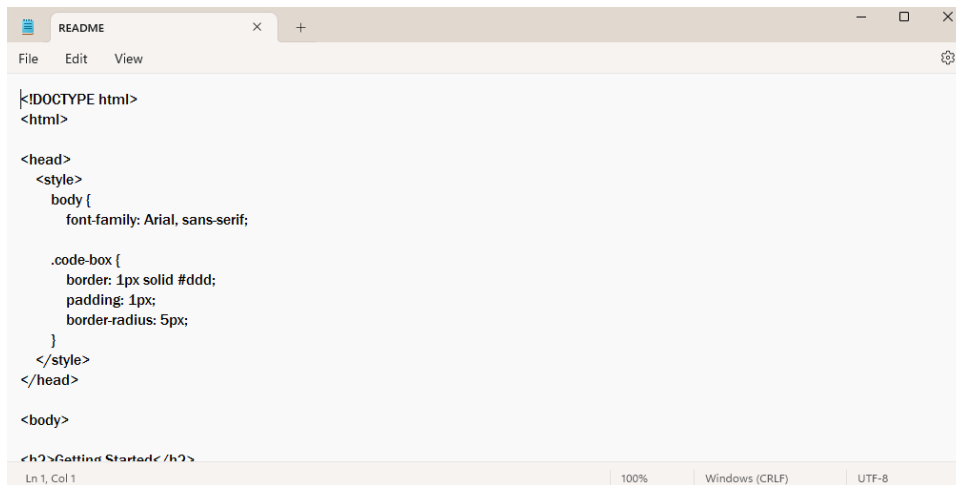- I accepted invitation and became the collaborator
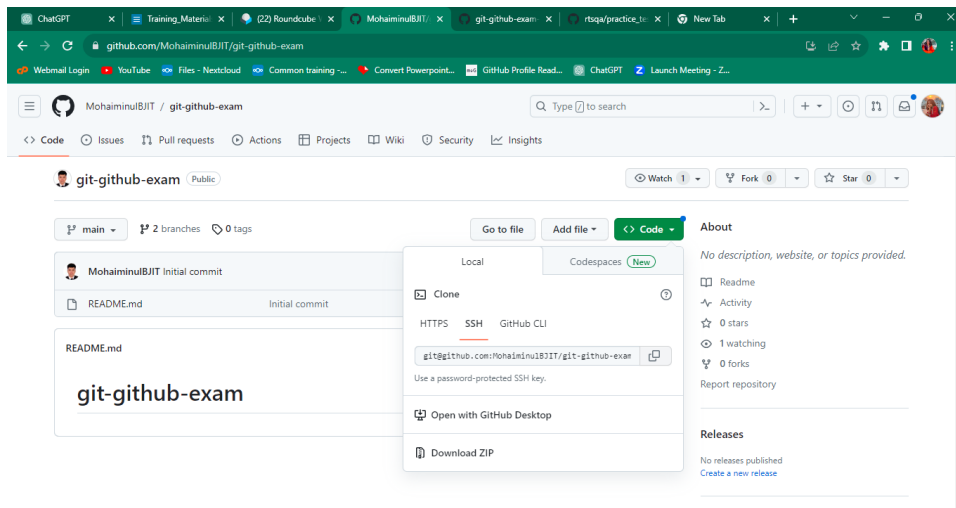
- I copied the SSH link from GitHub to clone to my local

- I cloned from remote to my local

```
BJIT@DESKTOP-363ED37 MINGW64 /d/Git_Practice/git-github-exam (main)
$ git checkout -b branch_rana
Switched to a new branch 'branch_rana'
```

- Then I created a branch called branch_rana in my local to do my task

```
<!DOCTYPE html>
<html>

<head>
  <style>
    body {
      font-family: Arial, sans-serif;

    .code-box {
      border: 1px solid #ddd;
      padding: 1px;
      border-radius: 5px;
    }
  </style>
</head>

<body>

<h2>Getting Started</h2>
```

- Then I completed the task that was assigned to me

```
BJIT@DESKTOP-363ED37 MINGW64 /d/Git_Practice/git-github-exam (branch_rana)
$ git status
On branch branch_rana
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:   README.md

no changes added to commit (use "git add" and/or "git commit -a")

BJIT@DESKTOP-363ED37 MINGW64 /d/Git_Practice/git-github-exam (branch_rana)
$ git add .

BJIT@DESKTOP-363ED37 MINGW64 /d/Git_Practice/git-github-exam (branch_rana)
$ git commit -m "Readme file updated" -m "content done HTML and CSS" -m "ref#123
4"
[branch_rana 0347ba2] Readme file updated
 1 file changed, 45 insertions(+), 1 deletion(-)

BJIT@DESKTOP-363ED37 MINGW64 /d/Git_Practice/git-github-exam (branch_rana)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

BJIT@DESKTOP-363ED37 MINGW64 /d/Git_Practice/git-github-exam (main)
$ git pull origin development
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (4/4), 1.53 KiB | 7.00 KiB/s, done.
From github.com:MohaiminulBJIT/git-github-exam
 * branch            development -> FETCH_HEAD
   072f3a0..d995783  development -> origin/development
Updating 072f3a0..d995783
Fast-forward
 README.md | 9 ++++++++-
 1 file changed, 8 insertions(+), 1 deletion(-)
```

- After completing task, I checked the files in git bash using **"git status"** command which showed that the files were not staged
- And so, I added the files using **"git add ."** and committed using **"git commit"** and followed the standard practice of committing – **summary, description, reference**
- Then I changed my branch to local main branch
- Then I pulled from remote branch called "**development**" as it was updated by the team leader.
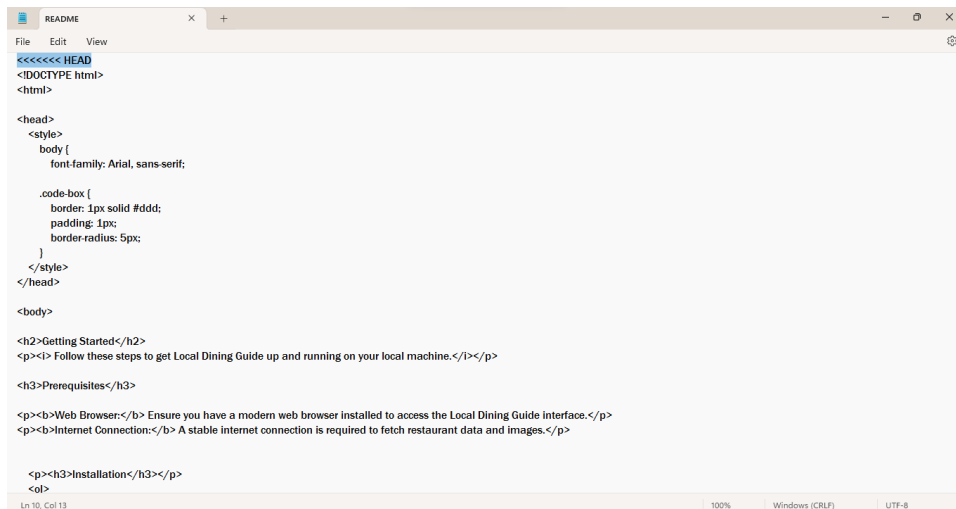
```
BJIT@DESKTOP-363ED37 MINGW64 /d/Git_Practice/git-github-exam (main)
$ git checkout branch_rana
Switched to branch 'branch_rana'

BJIT@DESKTOP-363ED37 MINGW64 /d/Git_Practice/git-github-exam (branch_rana)
$ git merge main
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.
```

- Then I changed my branch from main to my locally created **"branch_main"** again
- Then I attempted to merge the local **"branch_main"** with **"main"** branch but it was written from the same line as I did in the same file
- So, I went to the local **README** file to resolve the conflict


- Here I resolved the issues

- As the issues were solved, I again used **git add .** And **git commit** to stage the file
- Then I rechecked if it was staged or not
- And as it was done, I used **"git push"** from **branch_rana** to push the file to the remote repo

```
BJIT@DESKTOP-363ED37 MINGW64 /d/Git_Practice/git-github-exam (branch_rana)
$ git push -u origin branch_rana
Enumerating objects: 15, done.
Counting objects: 100% (15/15), done.
Delta compression using up to 8 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (9/9), 1.49 KiB | 761.00 KiB/s, done.
Total 9 (delta 3), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (3/3), completed with 1 local object.
remote:
remote: Create a pull request for 'branch_rana' on GitHub by visiting:
remote:      https://github.com/MohaiminulBJIT/git-github-exam/pull/new/branch_r
ana
remote:
To github.com:MohaiminulBJIT/git-github-exam.git
 * [new branch]      branch_rana -> branch_rana
branch 'branch_rana' set up to track 'origin/branch_rana'.
```
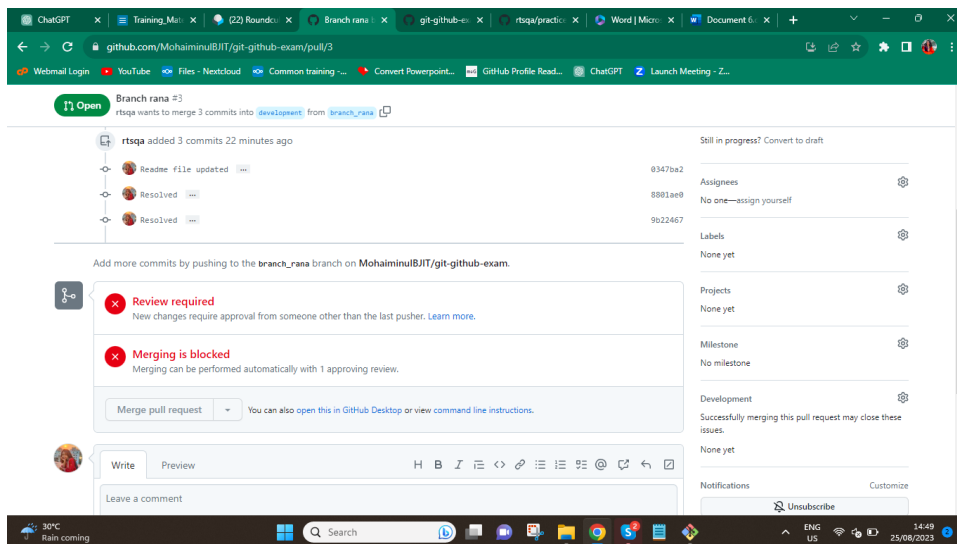
- And the push was successfully done
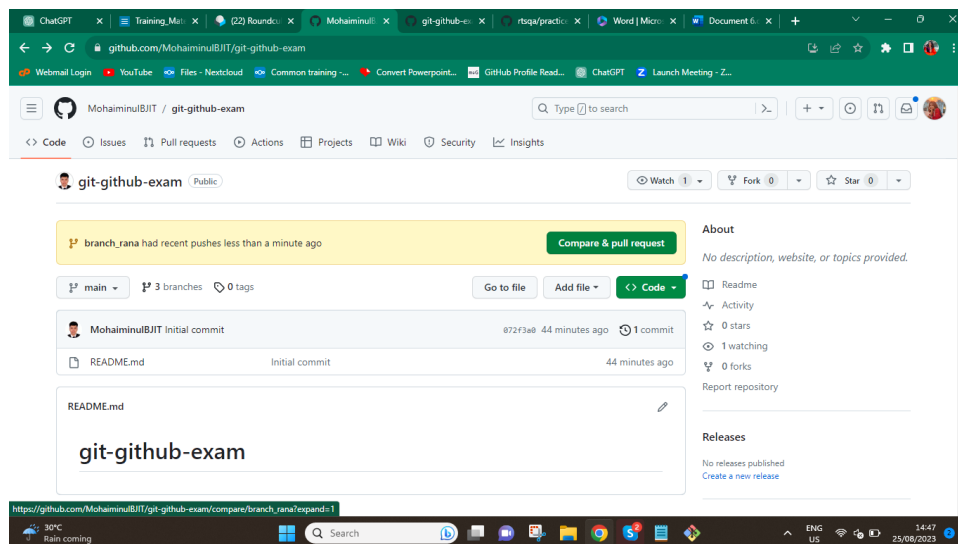
- Then I went to GitHub and did compare and pull request to the team leader who has the authority to merge my branch to Development branch
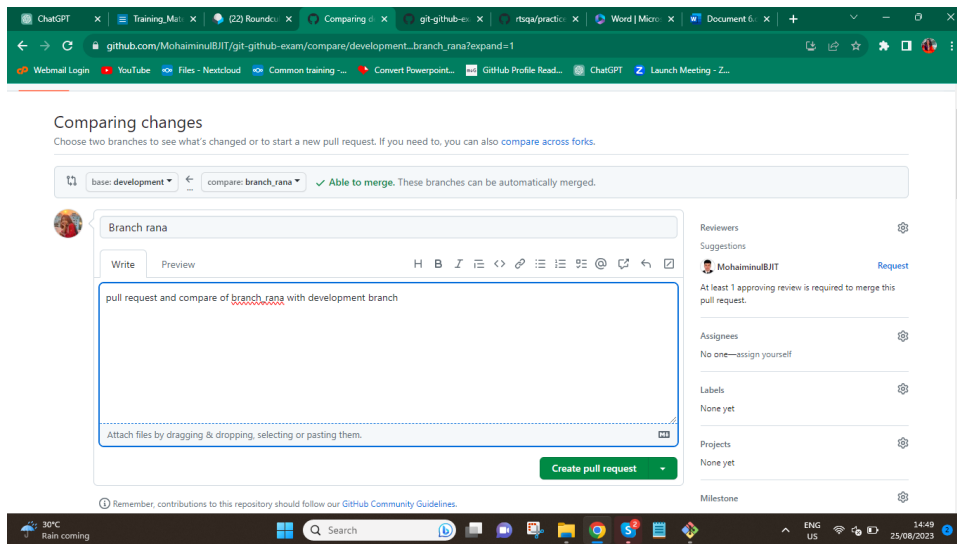
- I commented why I was giving the pull request

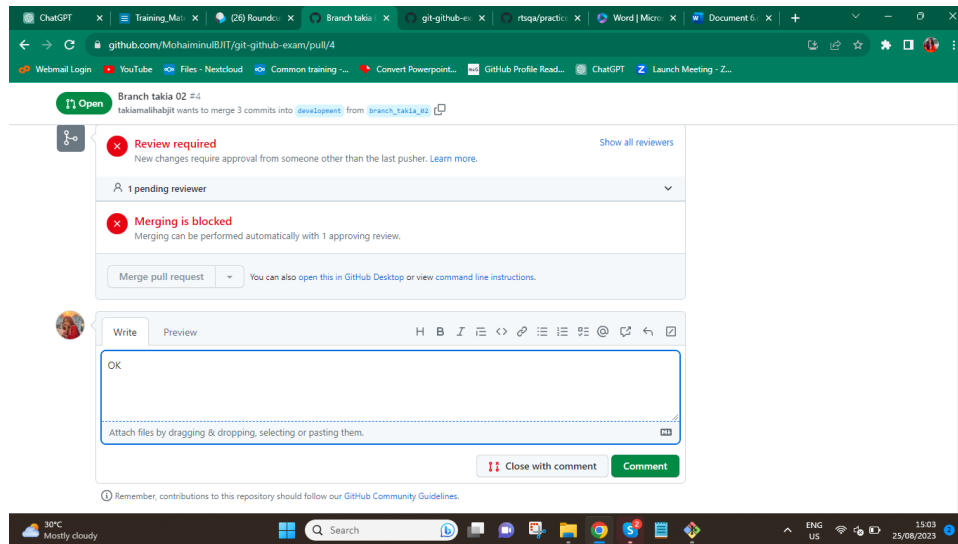- I made my teammate as a reviewer

- Here I was a reviewer of one of my groupmate.