

# ***Fatima Jinnah Women University***



**Year 2023-27**

**Department: Software Engineering**

## **Assignment 1**

**Git, Gitea Github, LFS and Git pages**

**Subject: Cloud Computing**

**Submitted to: Sir Waqas Saleem**

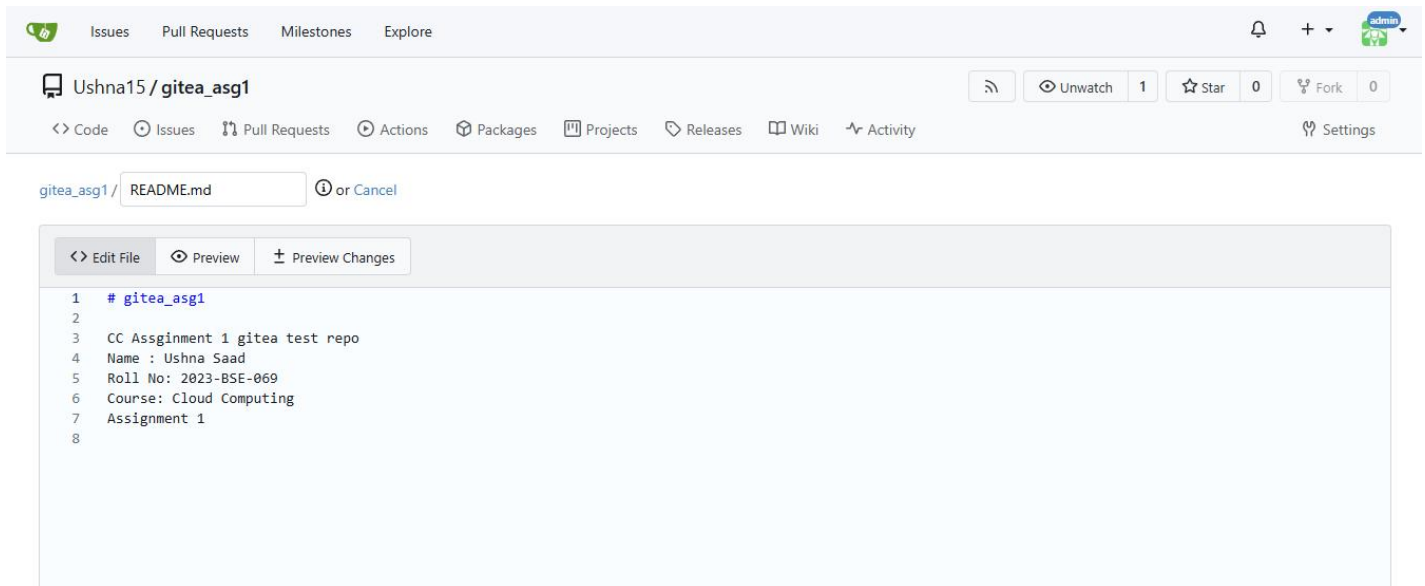
**Submitted by: Ushna Saad**

**2023-BSE-069**

**V-B**

## Task 1: Run Gitea in Codespace and Create an Initial Repo

- Gitea server was set up and run inside GitHub Codespace.
- HTTPS was used for secure communication since SSH is not supported.
- A new repository was created on the Gitea server.
- A README.md file was added as the initial file.
- The Gitea repository was added as a remote using its HTTPS URL.
- The initial commit with the README file was pushed to the Gitea repository.



## Task 2: Mirror README.md from Gitea to GitHub

- A new GitHub repository named assignment 1 was created.
- The same local repository used for Gitea was connected to GitHub as a second remote.
- The contents, including the README.md, were pushed from local to GitHub.
- The git remote -v command was used to verify both Gitea and GitHub remotes.

GitHub assignment 1 repo link (with README and large files)

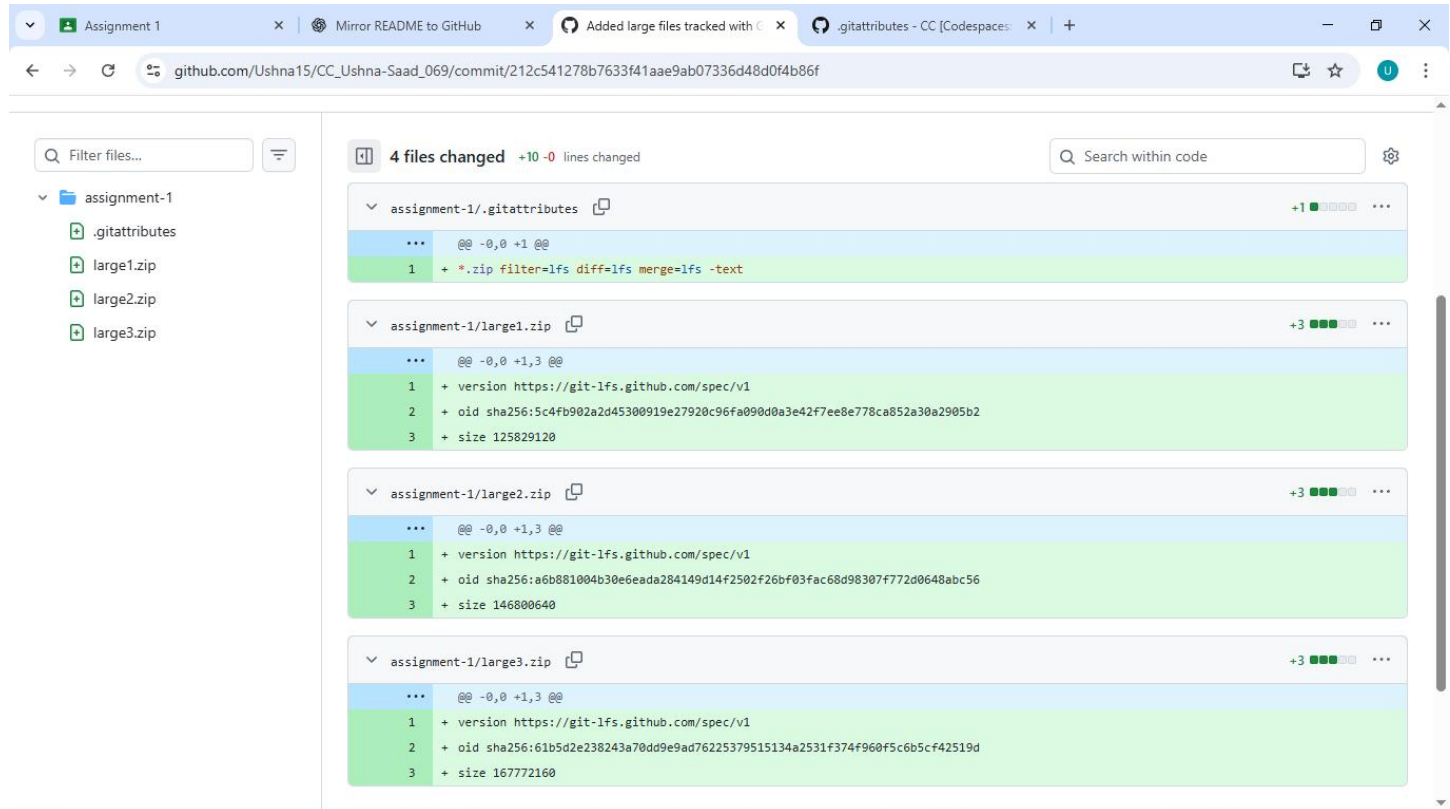
<https://github.com/Ushna15/assignment-1>

Screenshot or output of git remote -v showing both remotes

```
@Ushna15 →/workspaces/CC/gitea_asg1 (main) $ git remote -v
github https://ghp_1y5vpWu4B0Zdy1ksMlutsKDToGY6Gr0TtdBg@github.com/Ushna15/assignment-1.git (fet
ch)
github https://ghp_1y5vpWu4B0Zdy1ksMlutsKDToGY6Gr0TtdBg@github.com/Ushna15/assignment-1.git (pus
h)
origin http://localhost:3000/Ushna15/gitea_asg1.git (fetch)
origin http://localhost:3000/Ushna15/gitea_asg1.git (push)
@Ushna15 →/workspaces/CC/gitea_asg1 (main) $
```

## Task 3: Use Git LFS for Large Files

- Git Large File Storage (LFS) was installed and initialized in the repository.
- Three large files (each over 100 MB) were added to the repository.
- File extensions were tracked using the git lfs track command.
- The large files were committed and pushed to the GitHub repository using Git LFS.
- Files were successfully referenced through LFS pointers in the repository history.



## Task 4: Create a Resume with GitHub Pages

- A new repository named ushna15.github.io was created for GitHub Pages.
- An index.html file was created containing the resume content.
- The index.html file was pushed to the GitHub Pages repository.
- GitHub Pages was enabled to publish the site automatically.
- The final live link displays the hosted online resume webpage.

GitHub Pages link to your CV/portfolio

<https://Ushna15.github.io>