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Roll no: 2023-BSE-034

Date: October 12, 2025

Assignment 1

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

1. Set up Gitea:

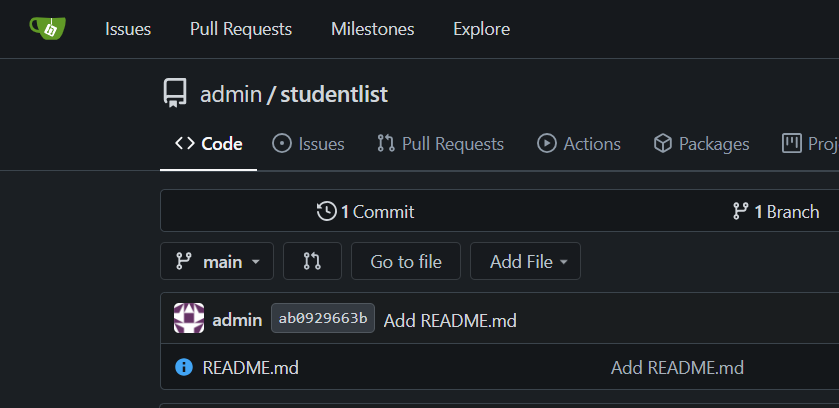
- Run a Gitea server inside your Codespace.

- Use HTTPS for communication (SSH is not supported in Codespace).

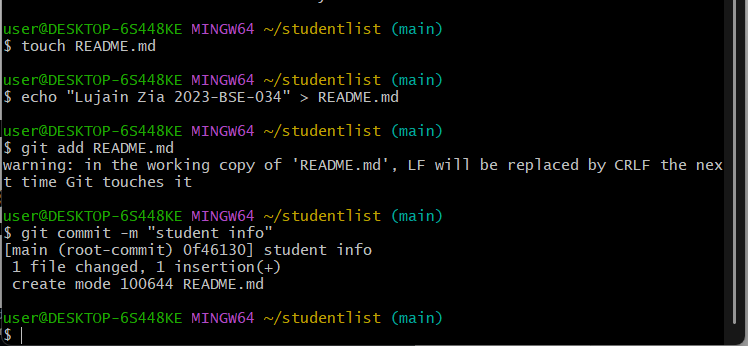


2. Create a Repository:

- Create a new repository on your Gitea server.



- Add a README.md file listing each student's name and roll number.

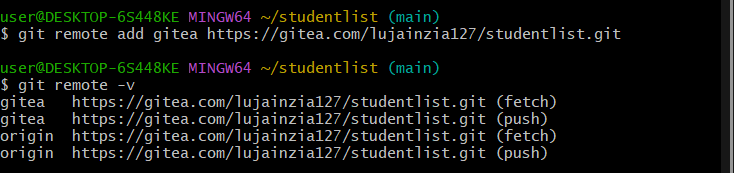


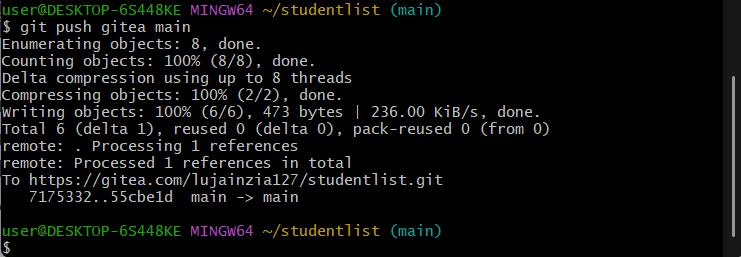
3. Add Remote Repo:

- Use the following command to add your Gitea repository as a remote:

git remote add gitea <your\_gitea\_repo\_https\_url>

- Push your initial commit containing the README.md to Gitea.





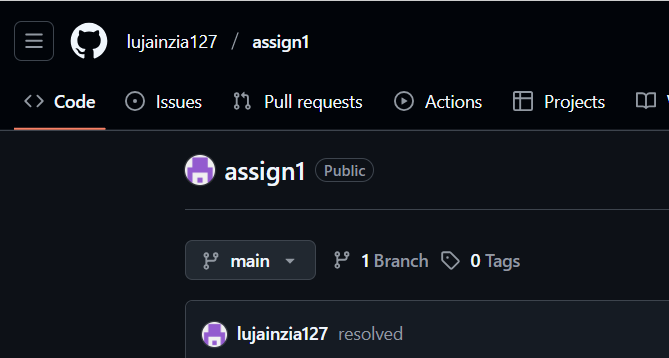
Task 2: Mirror README.md from Gitea to GitHub

1. Continue Working with Your Existing Repository:

- You will use the same repository that you created and pushed to your Gitea server in Task 1.

2. Create GitHub Repository:

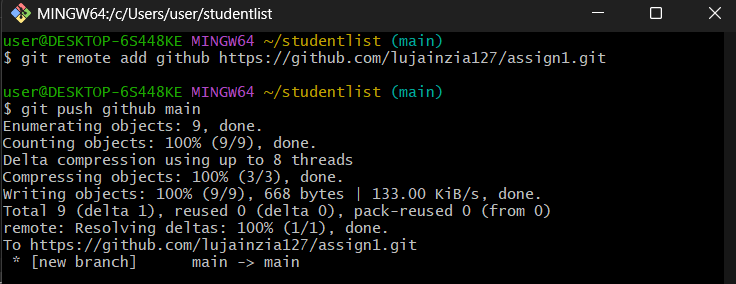
- Create a new GitHub repository named assignment 1. (redone)



3. Add GitHub as a Second Remote:

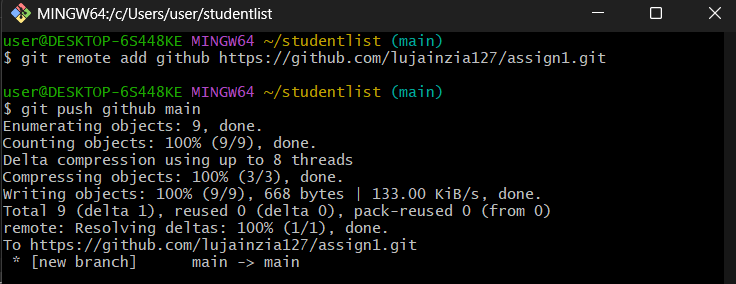
- Add your GitHub repository as a remote to your local repository:

git remote add github <your\_github\_repo\_https\_url>



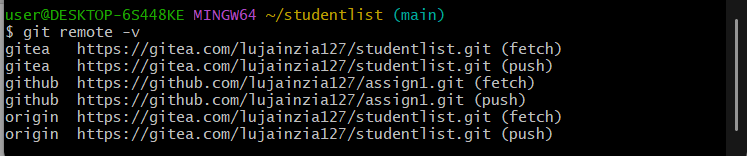
4. Push the README.md File to GitHub:

- Push the contents (including the README.md) from your local repository to GitHub.



5. Verify Remotes:

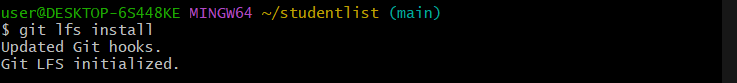
- Run git remote -v and ensure both remotes (gitea and github) are listed.



Task 3: Use Git LFS for Large Files

1. Install Git LFS:

- Set up Git LFS in your local repository.



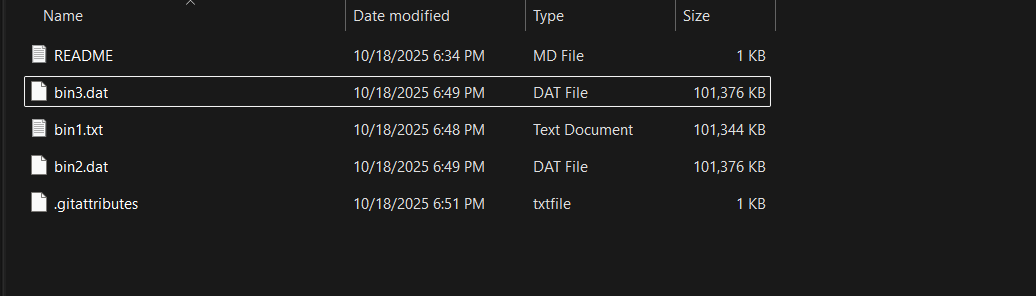
2. Add Large Files:

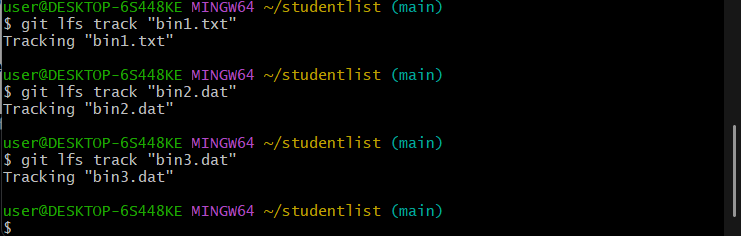
- Add three files larger than 100 MB each to your repository.

- Track them using Git LFS:

git lfs track "\*.ext"

- Replace .ext with the appropriate file extension.

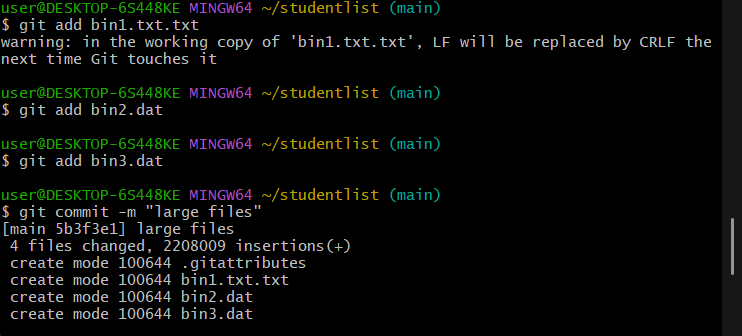


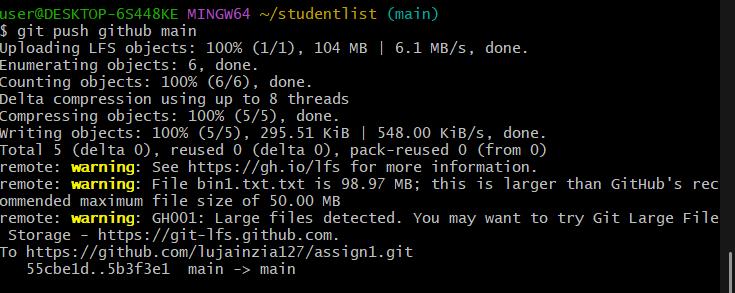


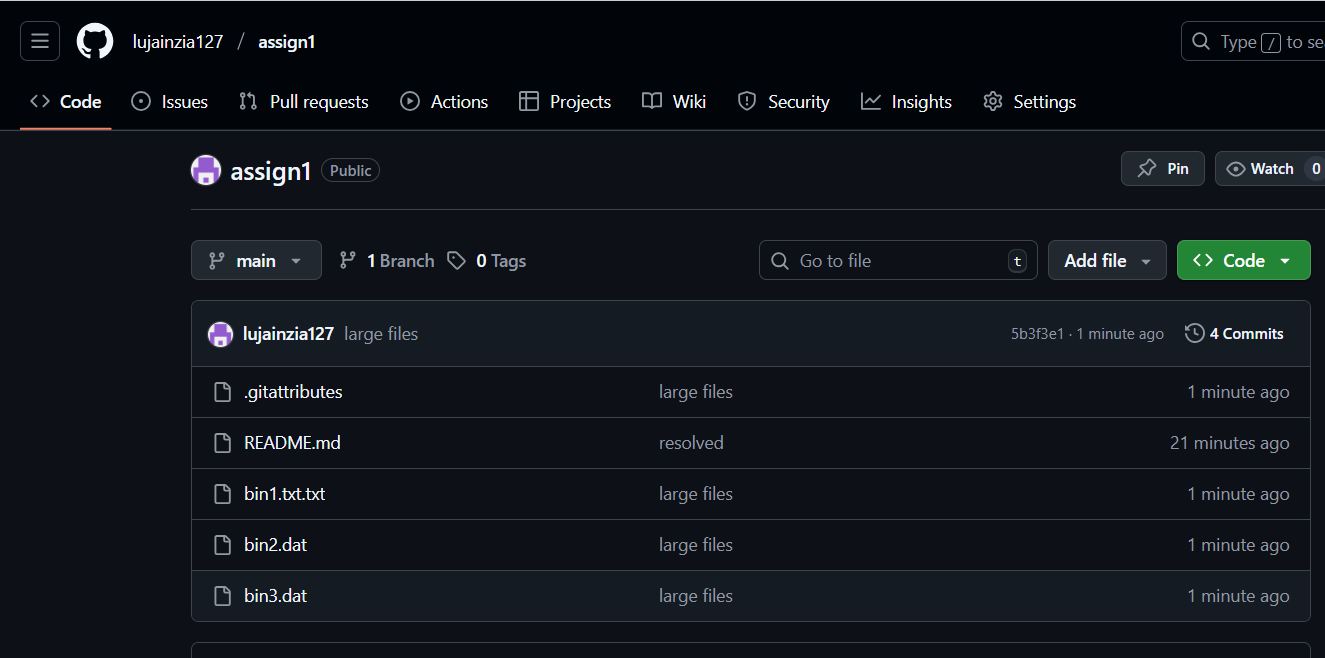
**3. Reference in Assignment Repo:**

**- Commit and push these large files to your GitHub assignment 1 repo.**

**- Ensure the files are referenced correctly in your repository history**





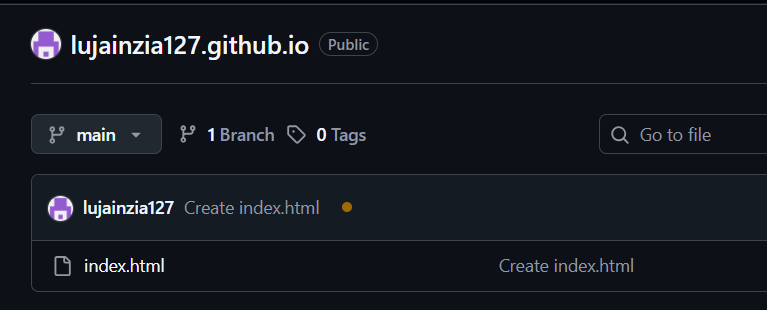


Task 4: Create a Portfolio/CV with GitHub Pages

1. Create a new repository for GitHub Pages:

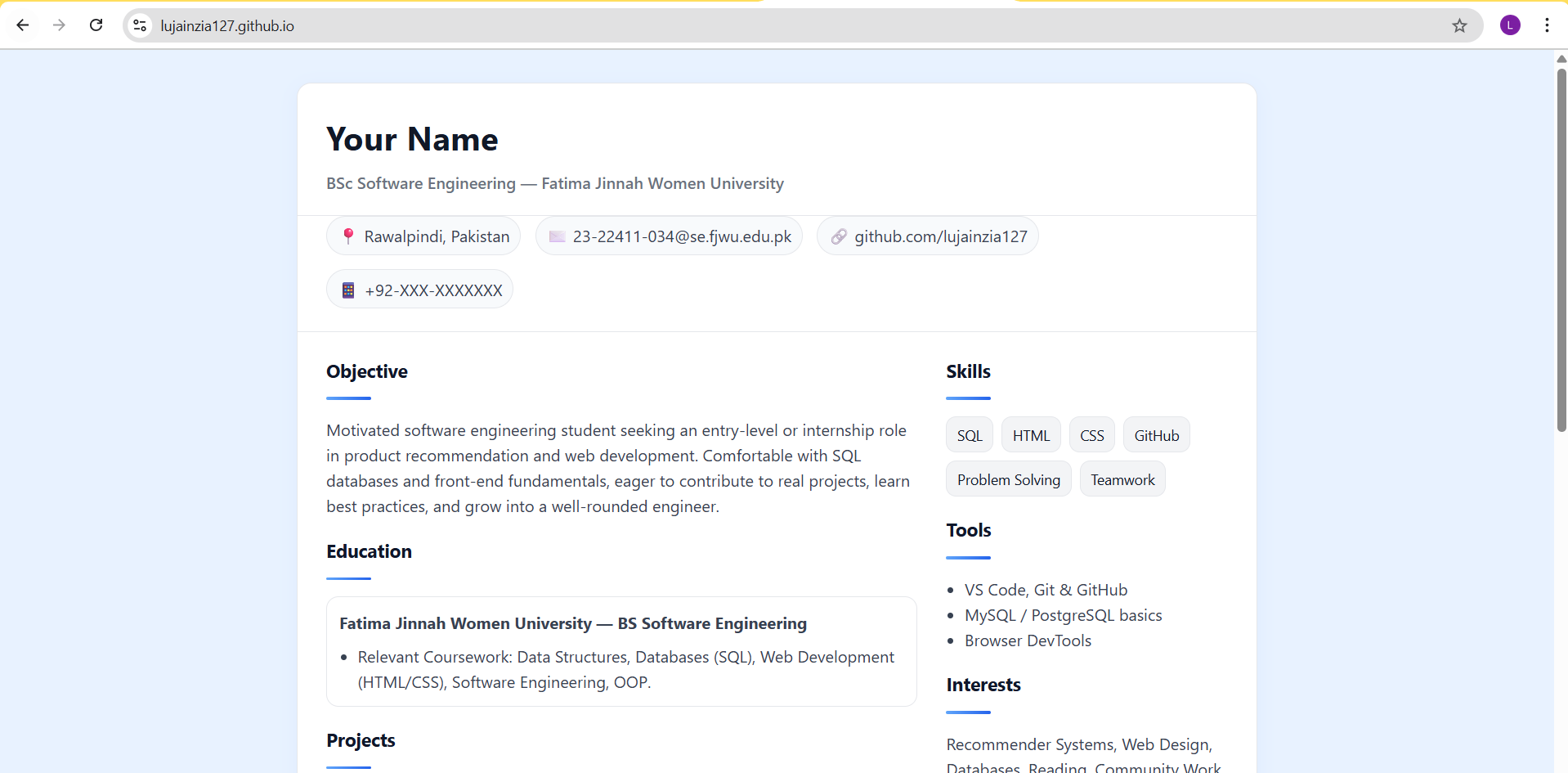
- Create a new repository named <your-username>.github.io.

- Replace <your-username> with your actual GitHub username (e.g., johnsmith.github.io).



2. Design Your Portfolio/CV:

- Create your portfolio or CV in HTML/CSS (or use a static site generator).

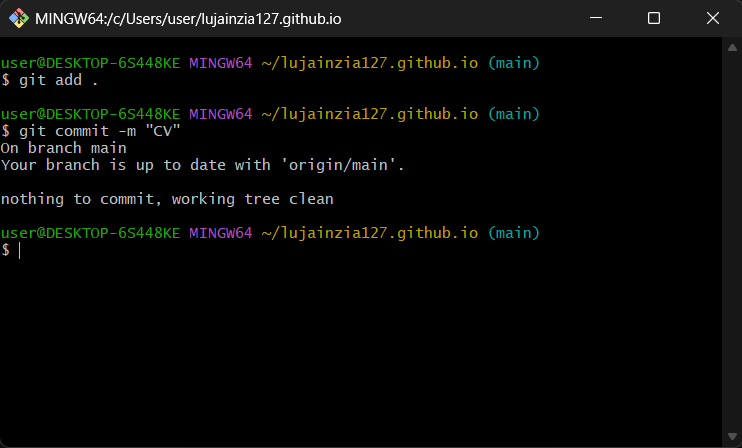


3. Publish with GitHub Pages:

- Push your portfolio/CV files to the <your-username>.github.io repository.

- Enable GitHub Pages in your repository settings if not automatically enabled.

- Publish your site and share the link.



Webpage link: <https://lujainzia127.github.io/>

Github repo link: <https://github.com/lujainzia127/assign1>

