Fatima Jinnah Women University

Department of Software Engineering

Cloud Computing

Assignment no: 1

Submitted by

Sarosh Majeed

2023-BSE-059

5-B

Submitted to

Sir Waqas Saleem

Submission Checklist

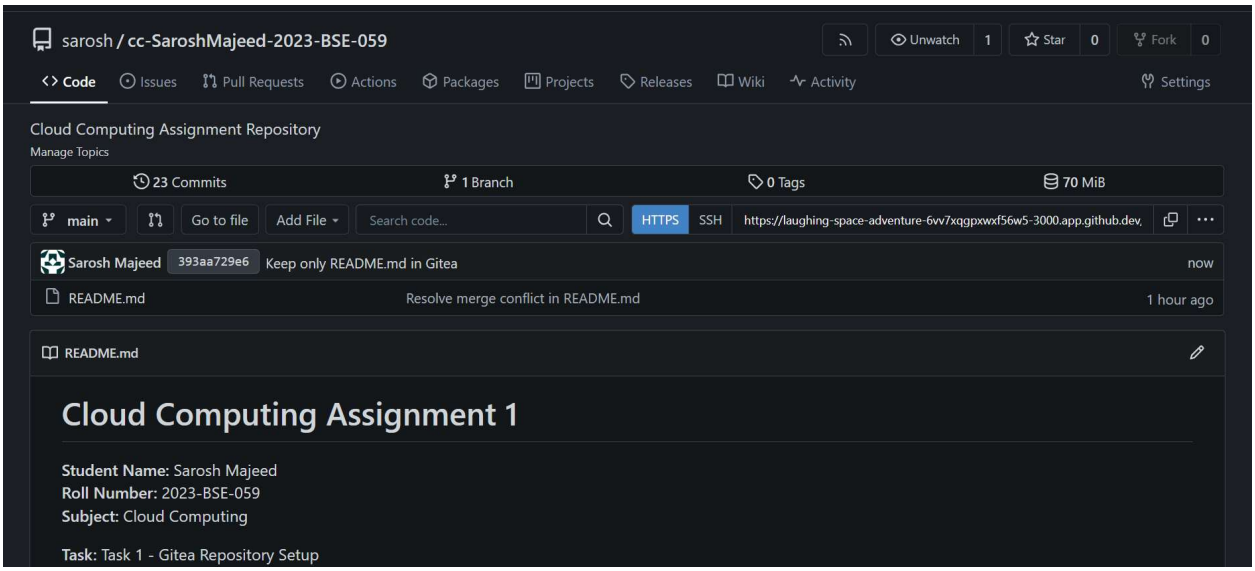
1. Screenshot of your Gitea repository (showing README listing names & roll numbers).

In this task, I worked on setting up **Gitea** inside **GitHub Codespace**.
Gitea is like a smaller version of GitHub that runs on our own server. It helps us create and manage repositories.

First, I opened the Codespace and started the Gitea server. When it was running, I opened the Gitea page in the browser.
Then I created a **new repository** in Gitea and added a **README.md** file in it. This file had my **name and roll number** written inside.

After that, I uploaded (pushed) this README file from Codespace to my Gitea repository.
This showed that my Gitea server and repository were working correctly.

The screenshot shows my Gitea repository with the README file that contains my details.



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

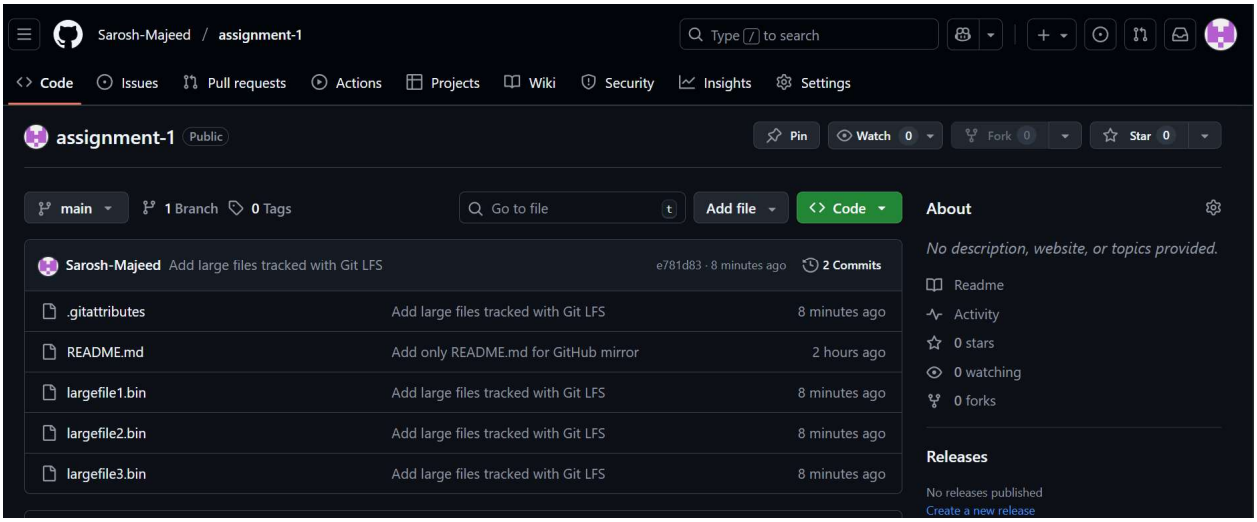
In this task, I learned how to upload **large files (more than 100 MB)** using **Git LFS (Large File Storage)**.
Normally, GitHub doesn't allow files larger than 100 MB, but with Git LFS, we can store them easily.

I installed Git LFS in my repository and added **three large files** to it (each file was more than 100 MB).
Git LFS helps by saving only a pointer in the main repository, while the actual big file is stored separately.

After tracking and committing the files, I uploaded them to my **GitHub assignment 1** repository.
This made sure all my large files were properly stored and didn't cause upload issues.

The GitHub link shows the repository with the big files uploaded successfully.

Link : https://github.com/Sarosh-Majeed/assignment-1



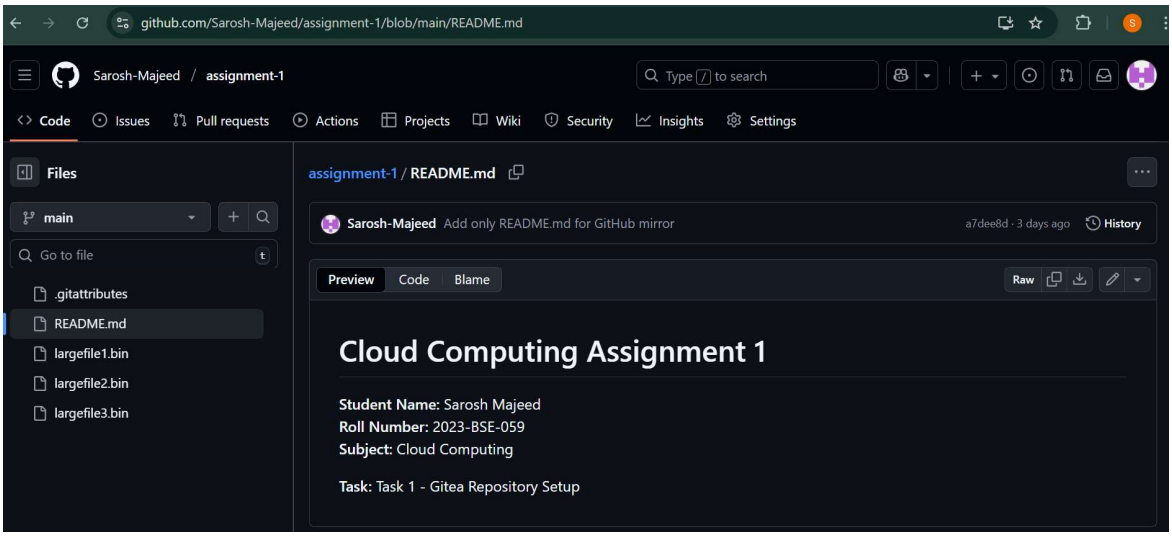
3. Screenshot or output of git remote -v showing both remotes.

In this task, I had to **connect my Gitea repo with GitHub** and copy (mirror) the same README file there.

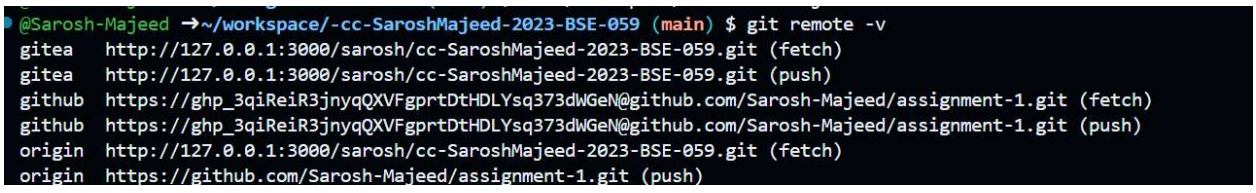
I used the same project that I created in Task 1. Then I made a **new repository on GitHub** named **assignment 1**.
After that, I connected both repositories together so that my work on Gitea could also be seen on GitHub.

When I uploaded (pushed) the README.md file, it appeared on GitHub successfully.
This proved that both my Gitea and GitHub repositories were connected properly.

The screenshots show that the README file is also visible on Github.



The git remote -v output shows both "gitea" and "github" are connected as remotes.



4. GitHub Pages link to your CV/portfolio

In this task, I made my **own online portfolio website** using **GitHub Pages**.

First, I created a new repository named **<myusername>.github.io** (for example: *Sarosh-majeed.github.io*).
This special type of repository is used by GitHub to host websites for free.

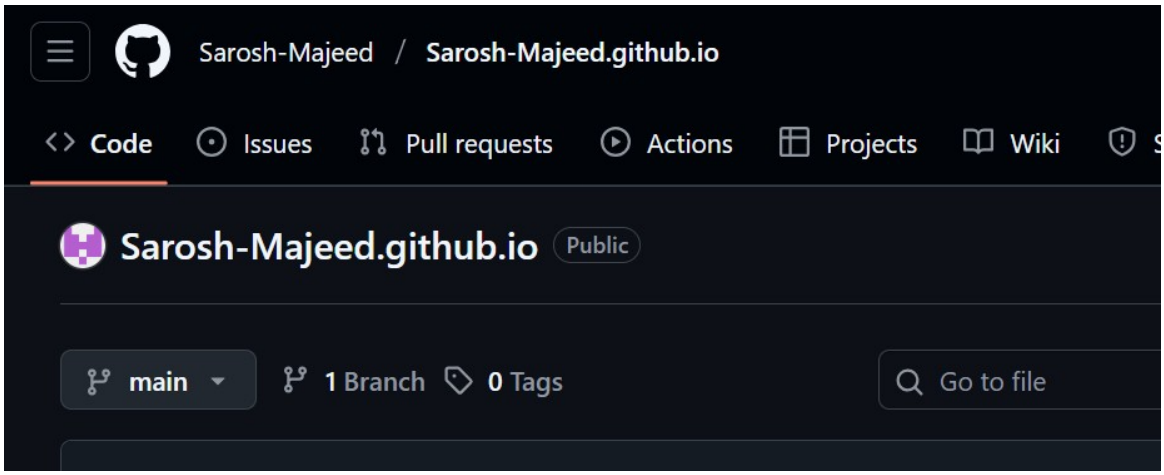
Then I created a few files:

- **index.html** — for the main structure of my website
- **style.css** — for the design and colors of my website

I wrote my **personal information, education, and skills** in the HTML file and styled it with CSS to make it look nice.
After completing it, I uploaded all these files to my GitHub repository.

Finally, GitHub automatically published my CV as a **live website**, which can be opened using a link like https://sarosh-majeed.github.io.

The screenshot shows my repository files that are used to make the webpage.



The link shows my live portfolio/CV website made with HTML and CSS.

Link : https://sarosh-majeed.github.io/

SAROSH MAJEED

SOFTWARE ENGINEER UNDERGRADUATE

CONTACT

+00 000-0000000

sarosh.portfolio@example.com

Shalley Valley, Rawalpindi

linkedin.com/in/sarosh-majeed-4767a52b3

SKILLS

Software Development
VS Studio C++, C#, OOP, SQL
Adobe Photoshop
WS Filmora
Cisco Packet Tracer
Windows Forms App
Documentation
Creative Thinking
Teamwork

LANGUAGES

English

EDUCATION

BS Software Engineering
Fatima Jinnah Women University
Expected Graduation: 2027
CGPA: 3.71 / 4.00

PROFILE

I am a creative Software Engineering student (5th semester) at Fatima Jinnah Women University with a CGPA of 3.69. Eager to apply software development, problem-solving, and teamwork skills in a dynamic internship or entry-level role to gain real-world experience and contribute to impactful projects.

ACADEMIC WORK EXPERIENCE

Employee Management System 2024

Console Application in C++

Developed a basic employee management system applying Object-Oriented Programming concepts like classes and inheritance. Features include adding, deleting, and searching employee records in a menu-driven console.

Student Management System 2025

Windows Forms App

Designed and developed a student record system using C# and SQL Server. Included GUI design, database interaction, and event handling for full CRUD operations.

University Management System 2025

Cisco Packet Tracer

Built a complete university network topology with routers, switches, and PCs. Configured IP addressing, static and RIP routing, and VLANs to simulate a realistic network.

UML Diagrams 2025

Software Design & Construction

Created detailed UML diagrams (use case, class, and sequence) for multiple projects, focusing on modularity, documentation, and system design principles.

VIDEO PRODUCTION

Professional experience in video production across various genres, creating high-quality visuals and engaging graphics from long-form YouTube videos to short-form content for social media platforms.