



Fatima Jinnah Women University

Opening Portals of Excellence Through Higher Education

CLOUD COMPUTING ASSIGNMENT 01

Submitted to: Sir Waqas Saleem

Submitted by: Maham Saleem

Registration no.: 2023-BSE-035

Submission Date: 19-10-2025

Task 1 — Run Gitea in Codespace and create initial repo

1. Set up Gitea (run in Codespace, use HTTPS).

Register

Username *

Email Address *

Password *

Confirm Password *

Register Account

or

 Sign in with OpenID

2. Create a Gitea repo.

≡

mahamsaleem

Repository Organization

Repositories +

There are no repositories yet.

Account was successfully created. Welcome!

The screenshot shows a Gitea repository interface. At the top, there's a header with a user icon, a search bar, and notification icons. Below the header, the repository name 'mahamsaleem / Assignment-1' is displayed, along with metrics for issues (1), stars (0), and forks (0). A navigation bar below the repository name includes links for 'Code' (selected), 'Issues', 'Pull Requests', 'Actions', 'Packages', 'Projects', 'Releases', and a 'More' button. Under the 'Code' tab, a dropdown menu shows 'main' selected. The main content area displays the 'Assignment-1 / README.md' file. The file content is as follows:

```
Student Information
Name: Maham Saleem Roll Number: 2023-BSE-035
```

3. Add README with student names and roll numbers.

```
● @MahamSaleem123 → /workspaces/Assignment-1 (main) $ cat README.md
# Student Information
Name: Maham Saleem
Roll Number: 2023-BSE-035
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS
PORTS				
a050ba3eb56d	gitea/gitea:latest	"/usr/bin/entrypoint..."	3 days ago	Up 5 minutes
		22/tcp, 0.0.0.0:3000->3000/tcp, [::]:3000->3000/tcp		gitea

4. Add Gitea as remote and push.

```
● @MahamSaleem123 → /workspaces/Assignment-1 (main) $ git remote -v
gitea    http://localhost:3000/mahamsaleem/Assignment-1.git (fetch)
gitea    http://localhost:3000/mahamsaleem/Assignment-1.git (push)
```

Task 2 — Mirror README.md from Gitea to GitHub

The terminal output shows the current directory is /workspaces/Assignment-1 (main) and it lists remotes for gitea and github:

```
● @MahamSaleem123 → /workspaces/Assignment-1 (main) $ git remote -v
gitea    http://localhost:3000/mahamsaleem/Assignment-1.git (fetch)
gitea    http://localhost:3000/mahamsaleem/Assignment-1.git (push)
github   https://github.com/MahamSaleem123/assignment-1.git (fetch)
github   https://github.com/MahamSaleem123/assignment-1.git (push)
```

The GitHub repository page for 'assignment-1' is shown. The repository is public and has 0 stars. It contains a single file, README, which is displayed below:

```
HEAD
Assignment-1
Cloud Computing Assignment
Student Information
Name: Maham Saleem Roll Number: 2023-BSE-035
```

Task 3 — Use Git LFS for large files

The terminal output shows the current directory is /workspaces/Assignment-1 (main) and it lists files tracked by Git LFS:

```
● @MahamSaleem123 → /workspaces/Assignment-1 (main) $ git lfs ls-files
12ba578486 * dataset.csv
12ba578486 * large_data.zip
12ba578486 * pakistan_anthem.mp4
```

 **assignment-1** Public

 Pin  Watch 0

 [m...](#)   [Go to file](#)   [Code](#) 

 MahamSaleem123	Add large fi...	c3460b0 · 5 minutes ago	
 .gitattributes	Add large files ...	5 minutes ago	
 README.md	Add student inf...	27 minutes ago	
 dataset.csv	Add large files ...	5 minutes ago	
 large_data.zip	Add large files ...	5 minutes ago	
 pakistan_anthem....	Add large files ...	5 minutes ago	

  MahamSaleem123 / assignment-1

  [assignment-1 / dataset.csv](#) 

 MahamSaleem123 Add large files with Git LFS c3460b0 · 6 minutes ago 

150 MB |  Stored with Git LFS

[View raw](#)
(Sorry about that, but we can't show files that are this big right now.)

Task 4 — Create a Portfolio/CV with GitHub Pages

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

The screenshot shows a GitHub repository page for 'mahamsaleem123.github.io'. At the top, there's a header with a search bar, a user icon, and repository details ('MahamSaleem123 / mahamsaleem123.github.io'). Below the header are navigation links for Code, Issues, Pull requests, Actions, Projects, Wiki, and Security. The main content area shows a green repository icon, the repository name 'mahamsaleem123.github.io' (labeled 'Public'), and buttons for Pin, Watch (0), and more. A dropdown menu shows 'main' is selected. Below this is a list of commits:

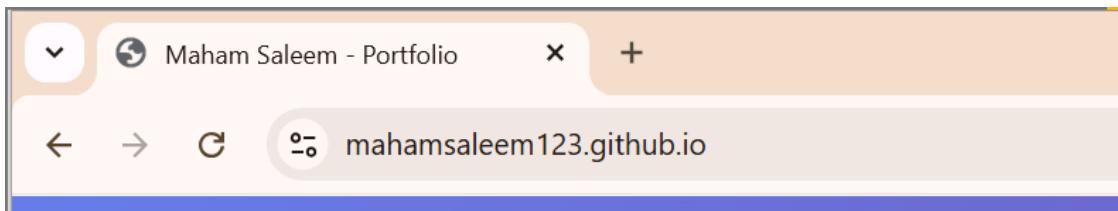
Author	Commit Message	Time Ago
MahamSaleem123	Add portfolio website	35 minutes ago
	Initial commit	40 minutes ago
	Add portfolio website	35 minutes ago

Below the commits is a 'README' file section with a 'Edit' button. The README content is as follows:

```
mahamsaleem123.github.io
```

My Portfolio

2. Build portfolio/CV.



GitHub repo URL → <https://github.com/MahamSaleem123/mahamsaleem123.github.io>

Website (published) URL → <https://MahamSaleem123.github.io>

Maham Saleem

Software Engineering Student

About Me

I am a passionate Software Engineering student at Fatima Jinnah Women University, currently in my 5th semester. I have a keen interest in cloud computing, web development, and software design.

Education

Degree: BS Software Engineering

University: Fatima Jinnah Women University

Roll Number: 2023-BSE-035

Current Semester: 5th (2025)

Skills

Cloud Computing

Git & GitHub

Version Control

HTML/CSS

JavaScript

Software Engineering

Web Development

Git LFS

Docker

Projects

Cloud Computing Assignment — Git Workflow

Implemented complete Git workflow using Gitea, GitHub, Git LFS, and GitHub Pages for version control and deployment.

Contact

Email: maham.saleem@example.com

GitHub: github.com/your-username