



*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 \*

mahamsaleem

Email Address \*

23-22411-035@se.fjwu.edu.pk

Password \*


.....

Confirm Password \*




.....


Register Account

or

 Sign in with OpenID

2. Create a Gitea repo.


 mahamsaleem ▾

Repository

Organization

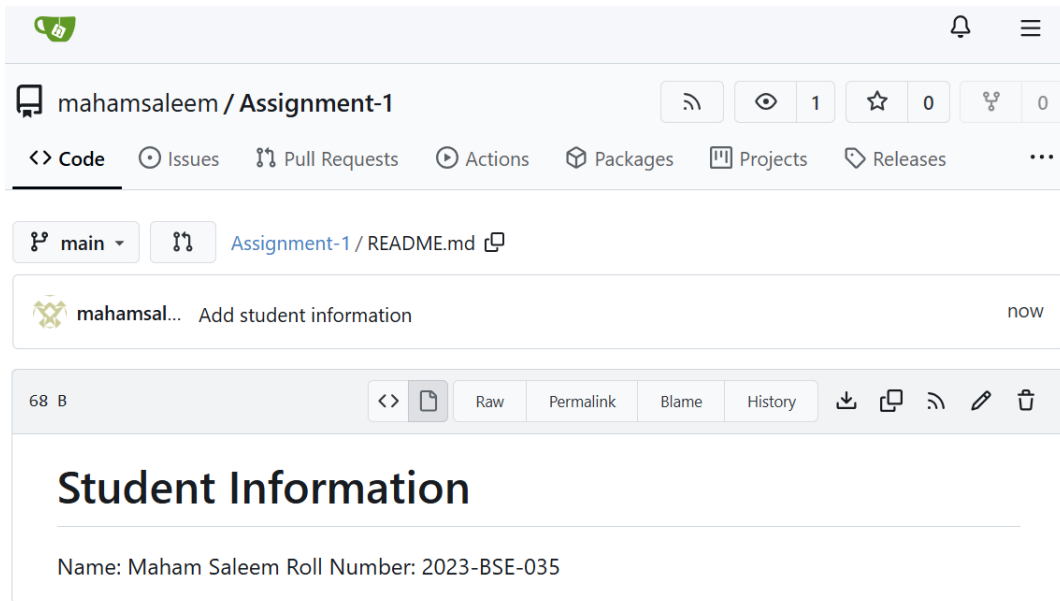
Repositories

+



There are no repositories yet.

Account was successfully created. Welcome!



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
```

```
@MahamSaleem123 →/workspaces $ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS
PORTS         NAMES
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

```
@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://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@github.com/MahamSaleem123/assignment-1.git (fetch)
github   https://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@github.com/MahamSaleem123/assignment-1.git (push)
```

The screenshot shows the GitHub interface for a repository named 'assignment-1' owned by 'MahamSaleem123'. The repository is public. The main navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, and Security. Below the navigation bar, there are buttons for Pin, Watch (0), Fork (0), and Star (0). The repository name 'assignment-1' is displayed with a 'Public' badge. Below this, there are buttons for 'Go to file', '+', 'Code', and 'About'. The 'Code' button is highlighted in green. The main content area shows the 'README' file, which contains the following text:

```
HEAD

Assignment-1

Cloud Computing Assignment

Student Information

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

## Task 3 — Use Git LFS for large files

```
@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



<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security



main



assignment-1 / dataset.csv



MahamSaleem123

Add large files with Git LFS

c3460b0 · 6 minutes ago



150 MB



Stored with Git LFS

Code

Blame

Raw

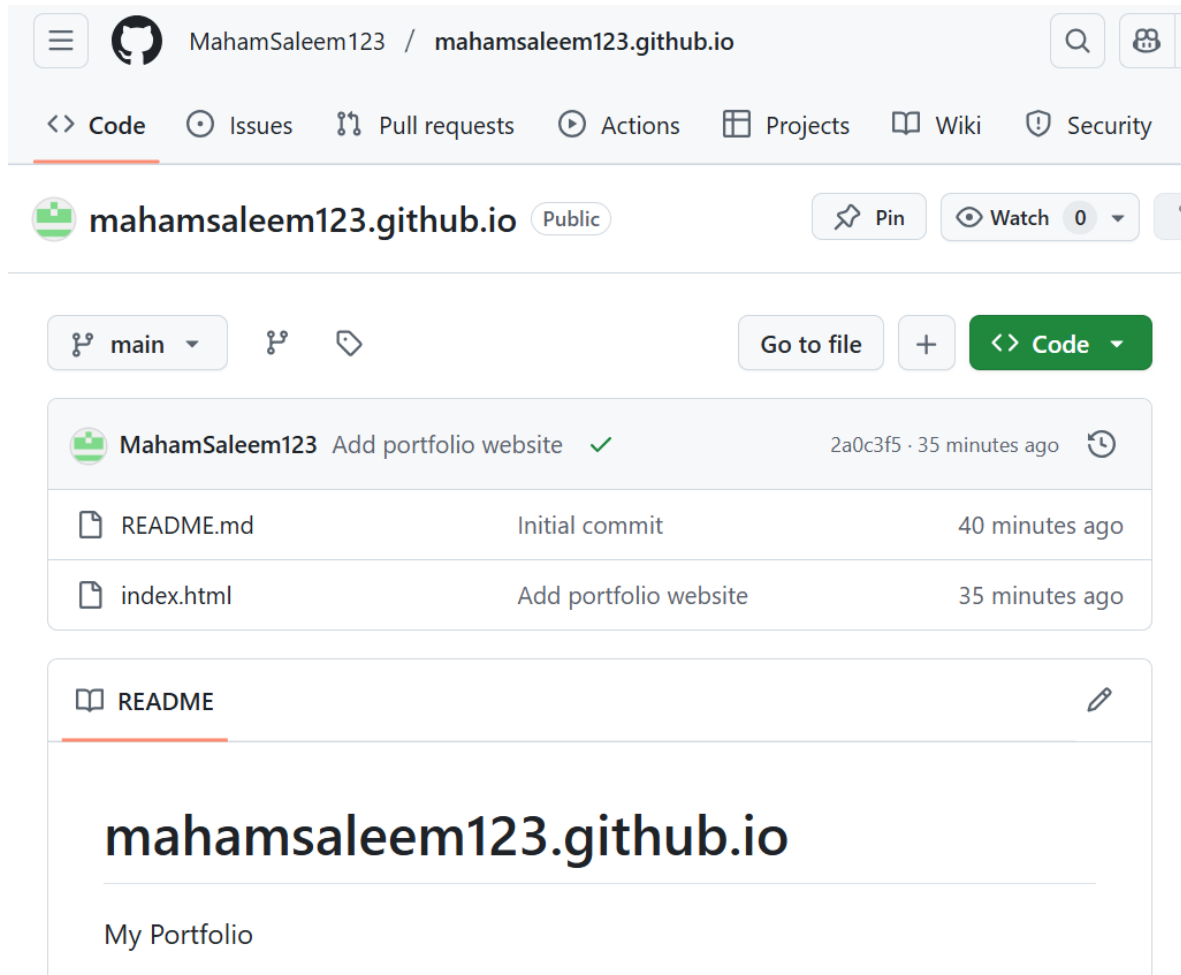


[View raw](#)

(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.

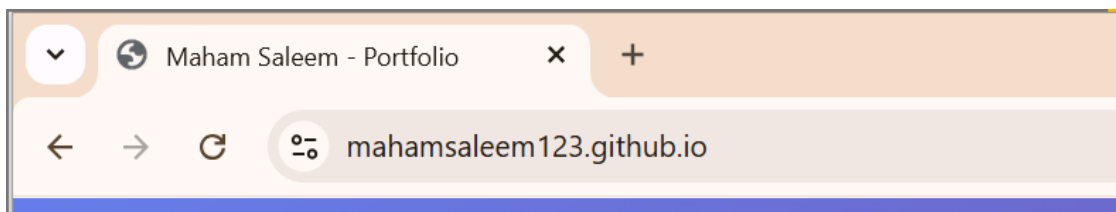


The screenshot shows the GitHub interface for the repository `MahamSaleem123 / mahamsaleem123.github.io`. The repository is public and has a green 'Code' button. Below the repository name, there is a table of files:

File	Commit	Time
README.md	Initial commit	40 minutes ago
index.html	Add portfolio website	35 minutes ago

The `README` file is selected, showing the title `mahamsaleem123.github.io` and the subtitle `My Portfolio`.

2. Build portfolio/CV.



The screenshot shows a web browser with the address bar displaying `mahamsaleem123.github.io`. The browser tab is titled 'Maham Saleem - Portfolio'.

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 Git, GitHub, Git LFS, and GitHub Pages for version control and deployment.

## Contact

**Email:** maham.saleem@example.com

**GitHub:** github.com/your-username