

Fatima Jinnah Women University



Cloud Computing

Assignment 1

Submitted by :

Iushal Nasir

Submitted To:

Sir Wasas Saleem

Section :

A

Date:

16 Oct, 2025

Task 1 run gitea in codespace and run initial repo:

- A Gitea server was set up and a new repository was created containing a README.md file listing student names and roll numbers.

The screenshot shows a browser window with a single tab open. The tab title is "README". The page content is titled "Student List" and contains a table with three rows:

Name	Roll Number
Inshal Nasir	12345
Abdullah	123456
Sara Khan	123467

Task 2 Mirror readme.md from Gitea to GitHub:

- The repository from Gitea was mirrored to GitHub using a remote connection.
Commands used:
git remote add github <GitHub_repo_URL>

```
assignment-1.git
● @23-22412-038-sys → /workspaces/git-teasetup (main) $ git remote add github https://github.com/23-22412-038-sys/git-teasetup
  ↵
```

- git push git hub main

```
PROBLEMS OUTPUT TERMINAL ...
@23-22412-038-sys → /workspaces/git-teasetup (main) $ git push -u github main
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 332 bytes | 332.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/23-22412-038-sys/git-teasetup.git
  lcd129e..f8a5608 main -> main
branch 'main' set up to track 'github/main'.
@23-22412-038-sys → /workspaces/git-teasetup (main) $
```

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

```
PROBLEMS OUTPUT TERMINAL ...
@23-22412-038-sys → /workspaces/git-teasetup (main) $ git push -u github main
@23-22412-038-sys → /workspaces/git-teasetup (main) $ git remote -v
gitea  http://localhost:3000/12345/student-list.git (fetch)
      http://localhost:3000/12345/student-list.git (push)
github https://github.com/23-22412-038-sys/git-teasetup.git (fetch)
       https://github.com/23-22412-038-sys/git-teasetup.git (push)
origin  https://github.com/23-22412-038-sys/git-teasetup (fetch)
       https://github.com/23-22412-038-sys/git-teasetup (push)
@23-22412-038-sys → /workspaces/git-teasetup (main) $
```

- GitHub Repository Link: <https://turbo-space-computing-machine-7vj95gvvq4x52xvvg-3000.app.github.dev/>

Task 3: Use Git LFS for Large Files:

- Add large files

The screenshot shows a GitHub Codespace interface. The left sidebar displays a file tree under 'GIT-TEASETUP [CODESPACES: TURBO SPACE COMP...]' containing .gitattributes, data.csv, image.png, README.md (selected), and video.mp4. The main area features a 'Students List' table with three rows: inshal nasir (12345), Abdullah (123456), and sara khan (12347). Below the table is a terminal window showing the output of a git commit command for large files tracked by Git LFS.

```
@23-22412-03B-sys → /workspaces/git-teasetup (main) $ git commit -m "Add large files tracked by Git LFS"
[main b678479] Add large files tracked by Git LFS
4 files changed, 12 insertions(+)
create mode 100644 .gitattributes
create mode 100644 data.csv
create mode 100644 image.png
```

- Tracking large files

The screenshot shows a GitHub Codespace interface. The left sidebar displays a file tree under 'GIT-TEASETUP [CODESPACES: TURBO SPACE COMP...]' containing .gitattributes, data.csv, image.png, README.md (selected), and video.mp4. The main area features a 'Students List' table with three rows: inshal nasir (12345), Abdullah (123456), and sara khan (12347). Below the table is a terminal window showing the output of a git push command to GitHub.

```
@23-22412-03B-sys → /workspaces/git-teasetup (main) $ git push github main
Enumerating objects: 7, done. 378 MB | 24 MB/s
Counting objects: 100% (7/7), done.
Delta compression using up to 2 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 819 bytes | 819.00 Kib/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
```

The screenshot shows a GitHub Codespace interface. The left sidebar displays a file tree under 'GIT-TEASETUP [CODESPACES: TURBO SPACE COMP...]' containing .gitattributes, data.csv, image.png, README.md (selected), and video.mp4. The main area features a 'Students List' table with three rows: inshal nasir (12345), Abdullah (123456), and sara khan (12347). Below the table is a terminal window showing the output of a git push command to GitHub.

```
Delta compression using up to 2 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 819 bytes | 819.00 Kib/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/23-22412-03B-sys/git-teasetup.git
   fba5008..b678479  main -> main
```

- Storing large files

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS 1 📁 bash + ⌂ ⌂ ... | ⌂

● @23-22412-038-sys → /workspaces/git-teasetup (main) $ git lfs ls-files
36f037e003 * data.csv
2d665b3d82 * image.png
5c4fb902a2 * video.mp4
○ @23-22412-038-sys → /workspaces/git-teasetup (main) $ █
```

Task 4: Create a Portfolio/CV with GitHub Page:

- Created files in new resp 23-22412-038-sys.github.io

23-22412-038-sys.github.io		Public	Pin	Watch 0	
main	1 Branch	0 Tags	Go to file	Add file	Code
23-22412-038-sys	Update index.html	✓	872dc7c · 41 minutes ago	22 Commits	
index.html	Update index.html		41 minutes ago		
readme.md	Create readme.md		54 minutes ago		
style.css	Create style.css		1 hour ago		
README				Edit	More

- Readme.md file show portfolio

Personal Portfolio / CV Website

Name: Inshall Nasir
Roll No: 23-22412-038
Instructor: Sir Waqas Saleem
Course: Cloud Computing
Assignment: 1 – Task 4 (GitHub Pages Portfolio)

 [Live Website](#)

 Portfolio Link: <https://23-22412-038-sys.github.io/12345.github.io/>

This is my personal Portfolio & CV website created as part of Assignment 1 – Task 4. The website is hosted using GitHub Pages and developed using HTML and CSS. It showcases my background, technical skills, and academic projects.

Project Description

The purpose of this project is to create a simple, responsive personal portfolio webpage using GitHub Pages. It helps demonstrate basic web design skills, version control using Git, and GitHub hosting.

The website includes:

- About Me Section:** Brief introduction and background.
- Skills Section:** Lists key technical and soft skills.
- Projects Section:** Highlights academic and personal projects.
- Contact Section:** Provides contact information and GitHub link.

Technologies Used

- HTML5** – for structure and content
- CSS3** – for styling and layout
- Git & GitHub** – for version control and hosting
- Github Pages** – for website publishing

Repository Contents

File Name	Description
index.html	Main portfolio webpage
style.css	Stylesheet for layout and design
README.md	Project documentation (this file)

Steps to View My Portfolio

- Open your browser.
- Visit the link: <https://23-22412-038-sys.github.io/12345.github.io/>
- Explore different sections: **About**, **Skills**, **Projects**, and **Contact**.

Learning Outcomes

Through this task, I learned how to:

- By clicking on link this site will appear:

The screenshot shows a professional-looking website with a dark blue header bar containing the name "inshal nasir" and the text "BS software engineering | Roll No: 23-22412-038". Below the header is a black navigation bar with links for "About", "Skills", "Projects", and "Contact". The main content area has a white background. It features a section titled "About Me" with a brief bio: "I am a Computer Science student passionate about web development, networking, and software engineering. I enjoy learning new technologies and building creative digital projects." Below this is a "Technical Skills" section listing: HTML, CSS, JavaScript, Python & C++, Git & GitHub, and Networking (Cisco Packet Tracer). The "Projects" section contains two items: "Library Management System (Cisco Packet Tracer)" and "Personal Portfolio Website". At the bottom is a "Contact Me" section with email and GitHub links, and a copyright notice: "© 2025 inshal nasir. All Rights Reserved."

- Portfolio Link: <https://23-22412-038-sys.github.io/>
-