



Assignment 01

Name: Sadaf Riaz

Roll No: 2023-BSE-077

Subject: Cloud Computing

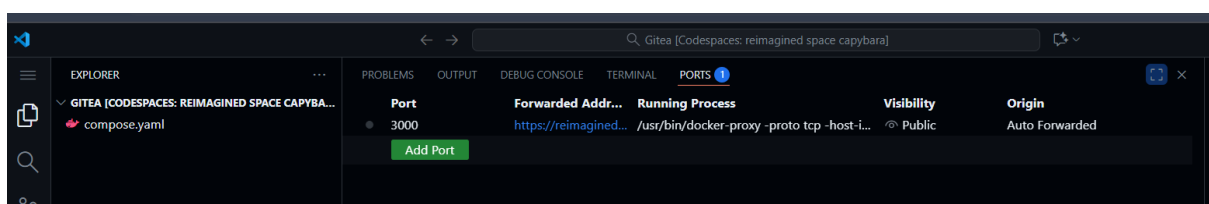
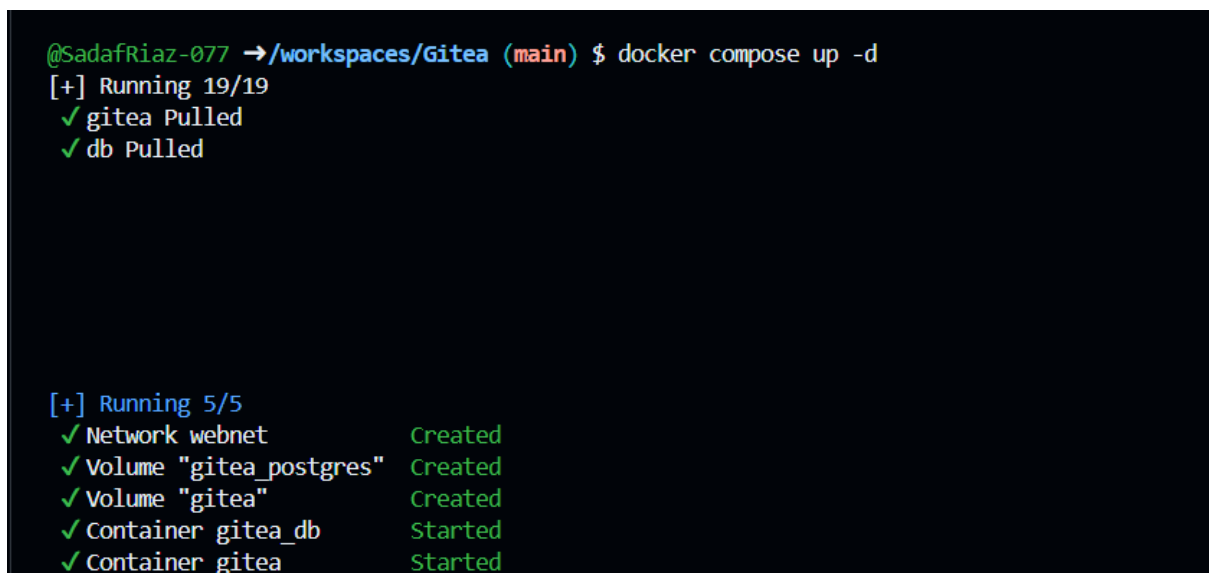
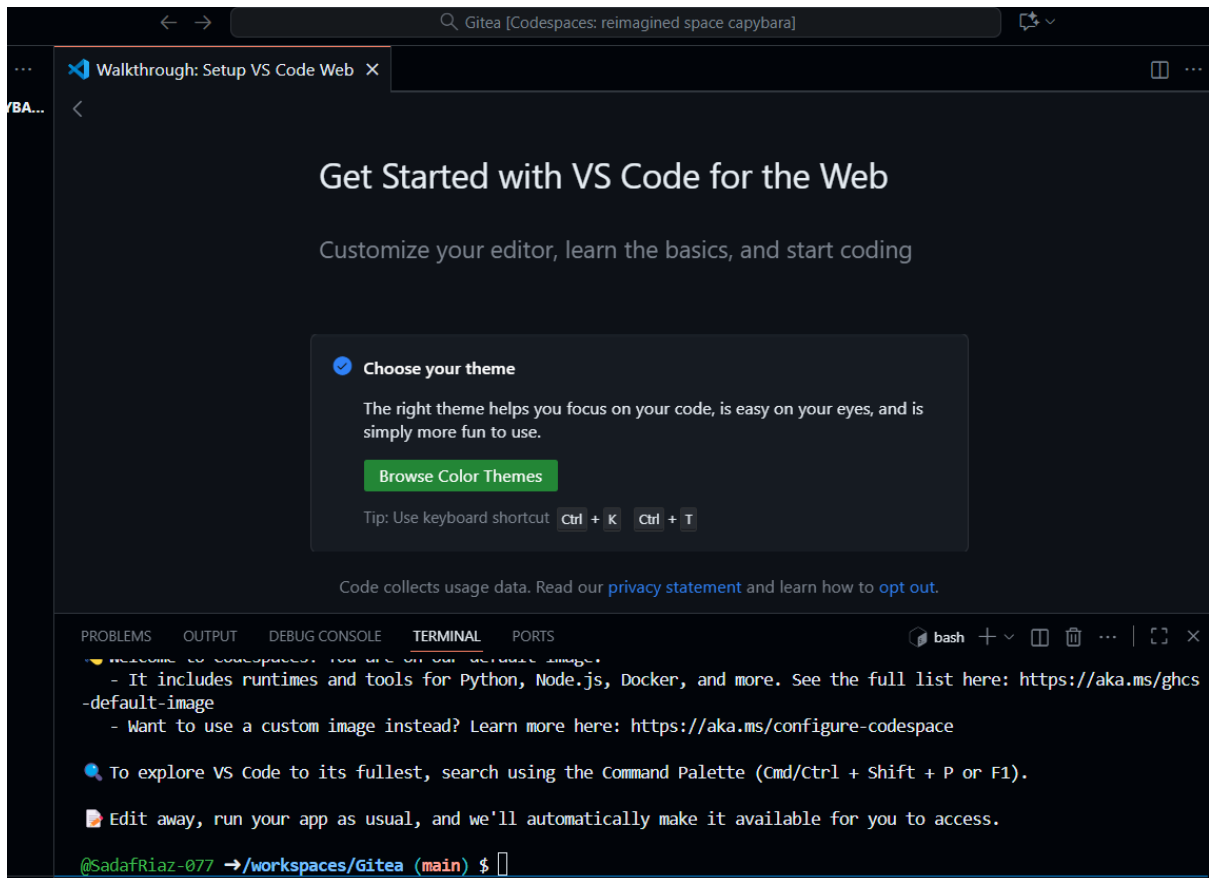
Class: BSE5-B

Instructor: Sir Waqas

Due Date: 19 October 2025

Task 1

Run Gitea in Codespace



Installation

► Server and Third-Party Service Settings

▼ Administrator Account Settings

Creating an administrator account is optional. The first registered user will automatically become an administrator.

Administrator Username

SadafRiaz-077

Email Address

23-22412-077@se.fjwu.edu.pk

Password

.....

Confirm Password

.....

These configuration options will be written into: `/data/gitea/conf/app.ini`

Install Gitea

Dashboard

Issues Pull Requests Milestones Explore

SadafRiaz-077

No Activity

You are currently not following any repositories or users, so there is no content to display. You can explore repositories or users of interest from the links below.

[Explore repositories](#) · [Explore users](#)

Repository Organization

Repositories +

There are no repositories yet.

Create New Repository in Gitea

Issues Pull Requests Milestones Explore

SadafRiaz-077 / assignment-git

<> Code Issues Packages Projects Wiki

Quick Guide

Clone this repository Need help cloning? Visit [Help](#).

New File Upload File

HTTPS SSH `https://reimagined-space-capybara-69xgxwqrqxq7h6jp-3000.app.github.dev/SadafRiaz-077/assignment-git.git`

Creating a new repository on the command line

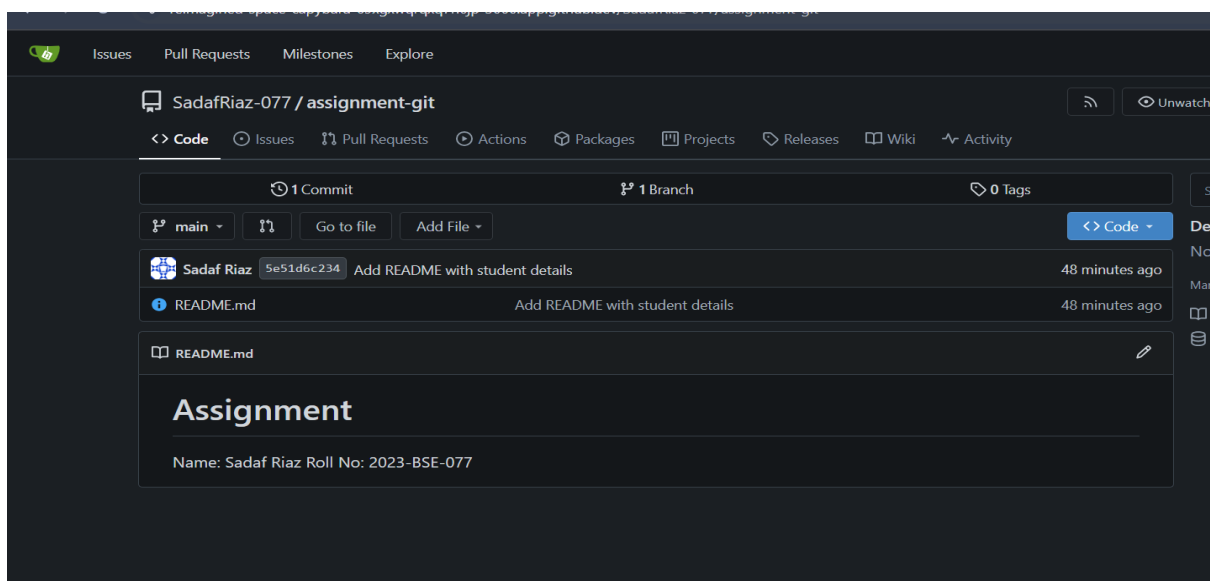
Create and Push README.md to Repository

```

@SadafRiaz-077 → /workspaces/Gitea (main) $ cd
@SadafRiaz-077 → $ cd ~/assignment-git
@SadafRiaz-077 → ~/assignment-git (main) $ git status
git branch
On branch main
Your branch is based on 'gitea/main', but the upstream is gone.
(use 'git branch --unset-upstream' to fixup)

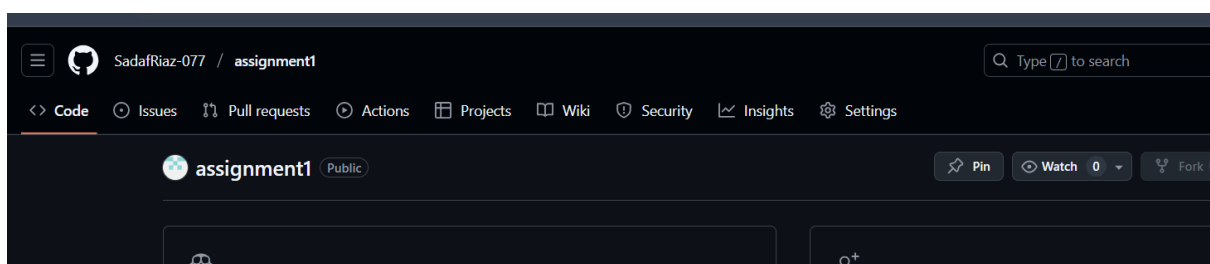
nothing to commit, working tree clean
* main
@SadafRiaz-077 → ~/assignment-git (main) $ git remote remove gitea 2>/dev/null
git remote remove origin 2>/dev/null
@SadafRiaz-077 → ~/assignment-git (main) $ git remote add gitea https://reimagined-space-capybara-69xgwxrpxq7h6jp-3000.app.github.dev/SadafRiaz-077/assignment-git.git
@SadafRiaz-077 → ~/assignment-git (main) $ git remote -v
gitea https://reimagined-space-capybara-69xgwxrpxq7h6jp-3000.app.github.dev/SadafRiaz-077/assignment-git.git (fetch)
gitea https://reimagined-space-capybara-69xgwxrpxq7h6jp-3000.app.github.dev/SadafRiaz-077/assignment-git.git (push)
@SadafRiaz-077 → ~/assignment-git (main) $ echo -e "# Assignment\n\nName: Sadaf Riaz\nRoll No: 2023-BSE-077" > README.md
@SadafRiaz-077 → ~/assignment-git (main) $ git add README.md
git commit -m "Add README with student details"
On branch main
nothing to commit, working tree clean
@SadafRiaz-077 → ~/assignment-git (main) $ git push -u gitea main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 291 bytes | 291.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote: . Processing 1 references
remote: Processed 1 references in total
To https://reimagined-space-capybara-69xgwxrpxq7h6jp-3000.app.github.dev/SadafRiaz-077/assignment-git.git
 * [new branch] main -> main
branch 'main' set up to track 'gitea/main'.
@SadafRiaz-077 → ~/assignment-git (main) $
```

Screenshot of your Gitea repository (showing README listing name & roll numbers)



Task 2

Create GitHub Repository:



Mirror README.md from Gitea to GitHuba and Remmote Verification:

```
Lenovo@DESKTOP-MTNDM3D MINGW64 ~
$ git clone https://reimagined-space-capybara-69xgxwqrqxq7h6jp-3000.app.github.dev/SadafRiaz-077/assignment-git.git
Cloning into 'assignment-git'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
```

```
Lenovo@DESKTOP-MTNDM3D MINGW64 ~
$ cd assignment-git
```

```
Lenovo@DESKTOP-MTNDM3D MINGW64 ~/assignment-git (main)
$ git remote add github https://github.com/SadafRiaz-077/assignment1.git
```

```
Lenovo@DESKTOP-MTNDM3D MINGW64 ~/assignment-git (main)
$ git remote -v
github https://github.com/SadafRiaz-077/assignment1.git (fetch)
github https://github.com/SadafRiaz-077/assignment1.git (push)
origin https://reimagined-space-capybara-69xgxwqrqxq7h6jp-3000.app.github.dev/SadafRiaz-077/assignment-git.git (fetch)
origin https://reimagined-space-capybara-69xgxwqrqxq7h6jp-3000.app.github.dev/SadafRiaz-077/assignment-git.git (push)
```

```
Lenovo@DESKTOP-MTNDM3D MINGW64 ~/assignment-git (main)
$ git push -u github main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 291 bytes | 291.00 KiB/s, done.
Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
To https://github.com/SadafRiaz-077/assignment1.git
 * [new branch] main -> main
branch 'main' set up to track 'github/main'.
```

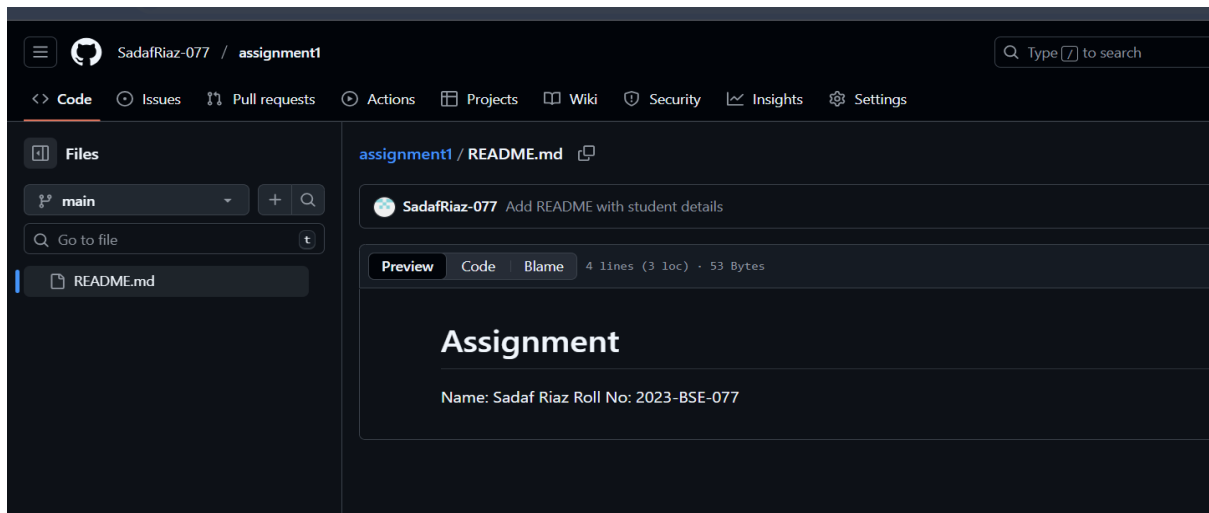
```
Lenovo@DESKTOP-MTNDM3D MINGW64 ~/assignment-git (main)
$ !
```

```
Lenovo@DESKTOP-MTNDM3D MINGW64 ~/assignment-git (main)
$ git remote rename origin gitea
```

```
Lenovo@DESKTOP-MTNDM3D MINGW64 ~/assignment-git (main)
$ git remote -v
gitea https://reimagined-space-capybara-69xgxwqrqxq7h6jp-3000.app.github.dev/SadafRiaz-077/assignment-git.git (fetch)
gitea https://reimagined-space-capybara-69xgxwqrqxq7h6jp-3000.app.github.dev/SadafRiaz-077/assignment-git.git (push)
github https://github.com/SadafRiaz-077/assignment-git.git (fetch)
github https://github.com/SadafRiaz-077/assignment-git.git (push)
```

Screenshot or output of git remote -v showing both remotes

```
Lenovo@DESKTOP-MTNDM3D MINGW64 ~/assignment-git (main)
$ git remote -v
gitea https://reimagined-space-capybara-69xgxwqrqxq7h6jp-3000.app.github.dev/SadafRiaz-077/assignment-git.git (fetch)
gitea https://reimagined-space-capybara-69xgxwqrqxq7h6jp-3000.app.github.dev/SadafRiaz-077/assignment-git.git (push)
github https://github.com/SadafRiaz-077/assignment-git.git (fetch)
github https://github.com/SadafRiaz-077/assignment-git.git (push)
```



Task 3

Add Large Files Using Git LFS

```
Lenovo@DESKTOP-MTNDM3D MINGW64 ~/Documents
$ cd assignment1

Lenovo@DESKTOP-MTNDM3D MINGW64 ~/Documents/assignment1 (main)
$ git lfs install
Updated Git hooks.
Git LFS initialized.

Lenovo@DESKTOP-MTNDM3D MINGW64 ~/Documents/assignment1 (main)
$ dd if=/dev/zero of=video.mp4 bs=1M count=101 && dd if=/dev/zero of=data.zip bs=1M count=101 && dd if=/dev/zero of=dataset.csv bs=1M count=101
101+0 records in
101+0 records out
105906176 bytes (106 MB, 101 MiB) copied, 0.0912904 s, 1.2 GB/s
101+0 records in
101+0 records out
105906176 bytes (106 MB, 101 MiB) copied, 0.169548 s, 625 MB/s
101+0 records in
101+0 records out
105906176 bytes (106 MB, 101 MiB) copied, 0.132943 s, 797 MB/s

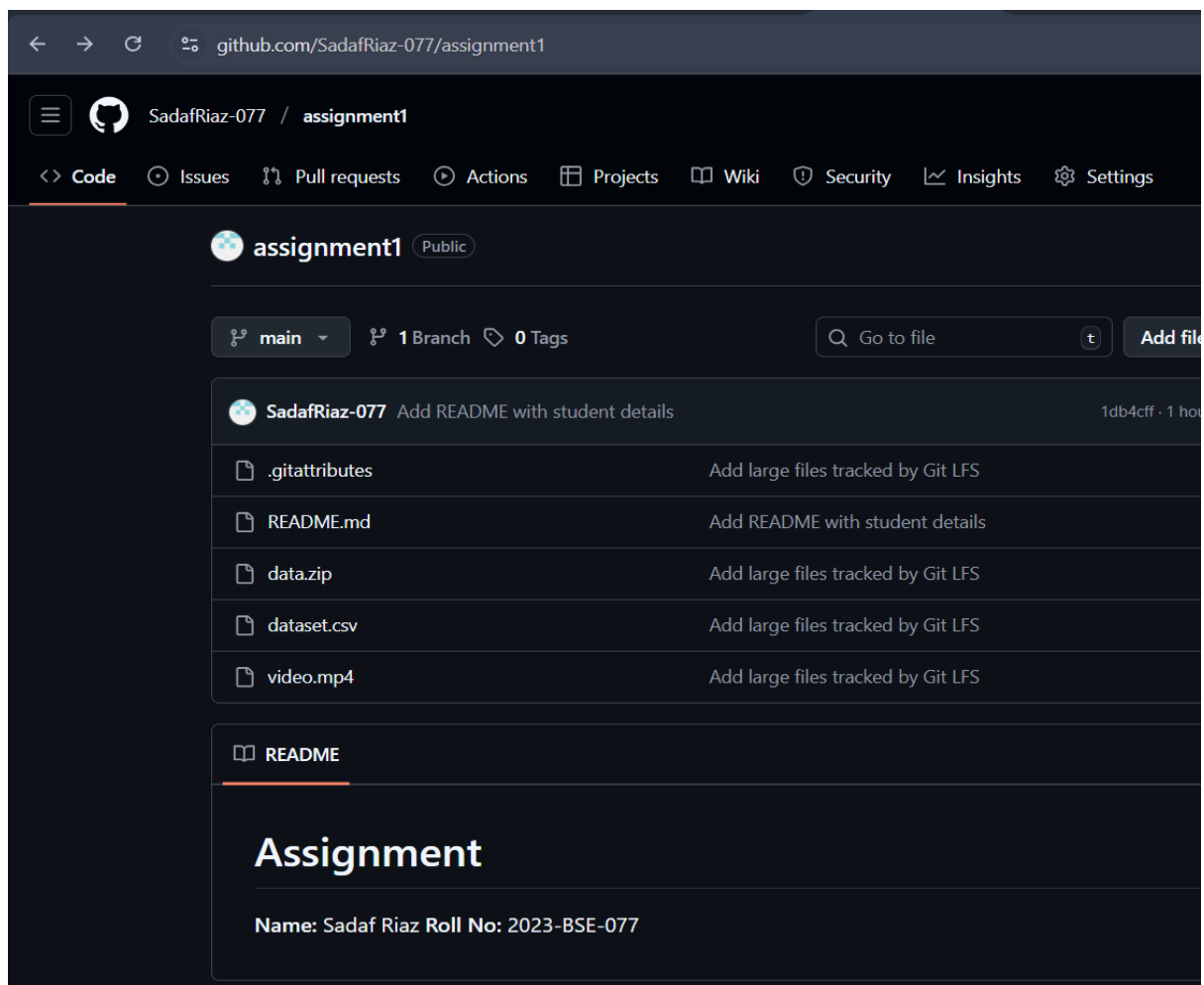
Lenovo@DESKTOP-MTNDM3D MINGW64 ~/Documents/assignment1 (main)
$ git lfs track "*.mp4"
git lfs track "*.zip"
git lfs track "*.csv"
Tracking "*.mp4"
Tracking "*.zip"
Tracking "*.csv"

Lenovo@DESKTOP-MTNDM3D MINGW64 ~/Documents/assignment1 (main)
$ git add .gitattributes video.mp4 data.zip dataset.csv
git commit -m "Add large files tracked by Git LFS"
[main 9d25a3d] Add large files tracked by Git LFS
 4 files changed, 12 insertions(+)
 create mode 100644 .gitattributes
 create mode 100644 data.zip
 create mode 100644 dataset.csv
 create mode 100644 video.mp4

Lenovo@DESKTOP-MTNDM3D MINGW64 ~/Documents/assignment1 (main)
$ git push origin main
Uploading LFS objects: 100% (1/1), 106 MB | 0 B/s, done.
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 537 bytes | 268.00 KiB/s, done.
Total 4 (delta 0), reused 1 (delta 0), pack-reused 0 (from 0)
To https://github.com/SadafRiaz-077/assignment1.git
 5c337e8..9d25a3d  main -> main

Lenovo@DESKTOP-MTNDM3D MINGW64 ~/Documents/assignment1 (main)
$
```

GitHub repo showing LFS pointer lines (files)

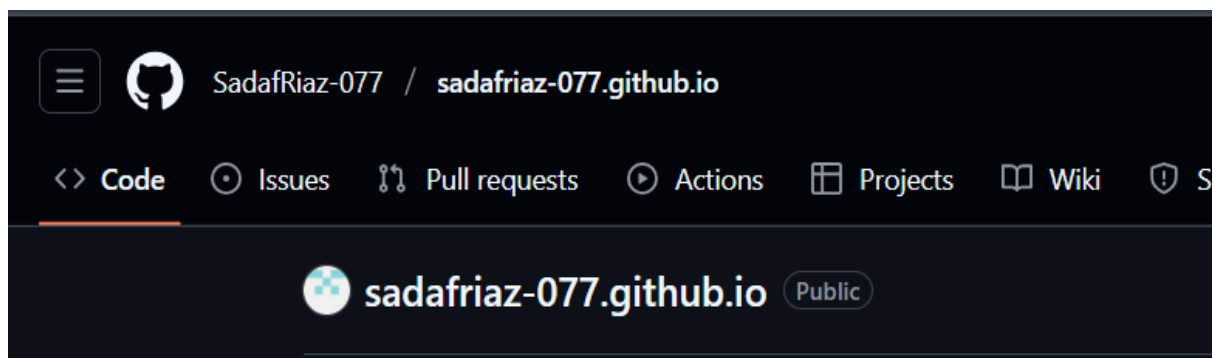


GitHub assignment1 repo link (with README and large files)

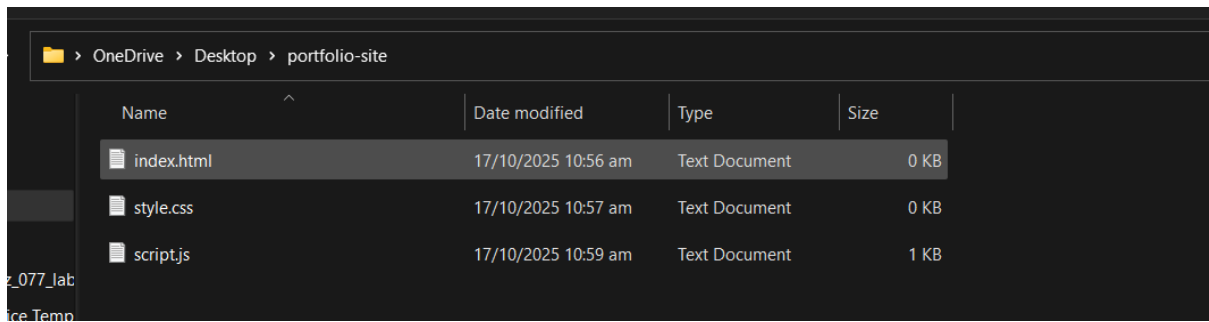
link :<https://github.com/SadafRiaz-077/assignment1>

Task 4

Create a New GitHub Repository



Prepare CV

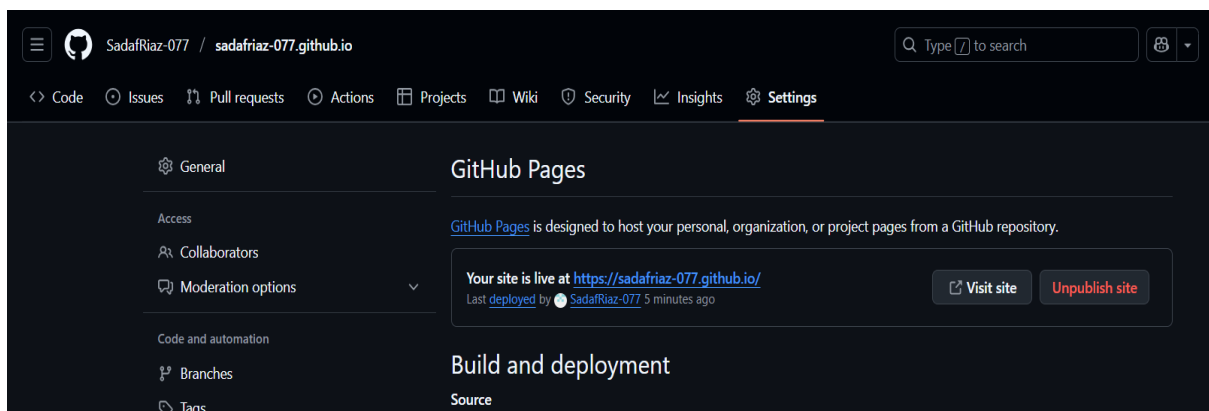


Upload Files to the Repository

```
Lenovo@DESKTOP-MTNDM3D MINGW64 ~/OneDrive/Desktop/portfolio-site (main)
$ git push -u origin main
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 1.07 KiB | 1.07 MiB/s, done.
Total 6 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), done.
remote: This repository moved. Please use the new location:
remote: https://github.com/SadafRiaz-077/sadafriaz-077.github.io.git
To https://github.com/SadafRiaz-077/SadafRiaz-077.github.io.git
    931c725..adbfa5b main -> main
branch 'main' set up to track 'origin/main'.

Lenovo@DESKTOP-MTNDM3D MINGW64 ~/OneDrive/Desktop/portfolio-site (main)
$ git push -u origin main --force
branch 'main' set up to track 'origin/main'.
Everything up-to-date
```

Enable GitHub Pages



Test and Verify

Sadaf Riaz

Student | Web Developer

About Me

i am software engineering student.

Projects

- Project 1 – Hotel management system
- Project 2 – Database front end

© Your Name

GitHub Pages link to CV

link : <https://SadafRiaz-077.github.io>