FATIMA JINNAH WOMEN UNIVERSITY
RAWALPINDI

Department of Software Engineering

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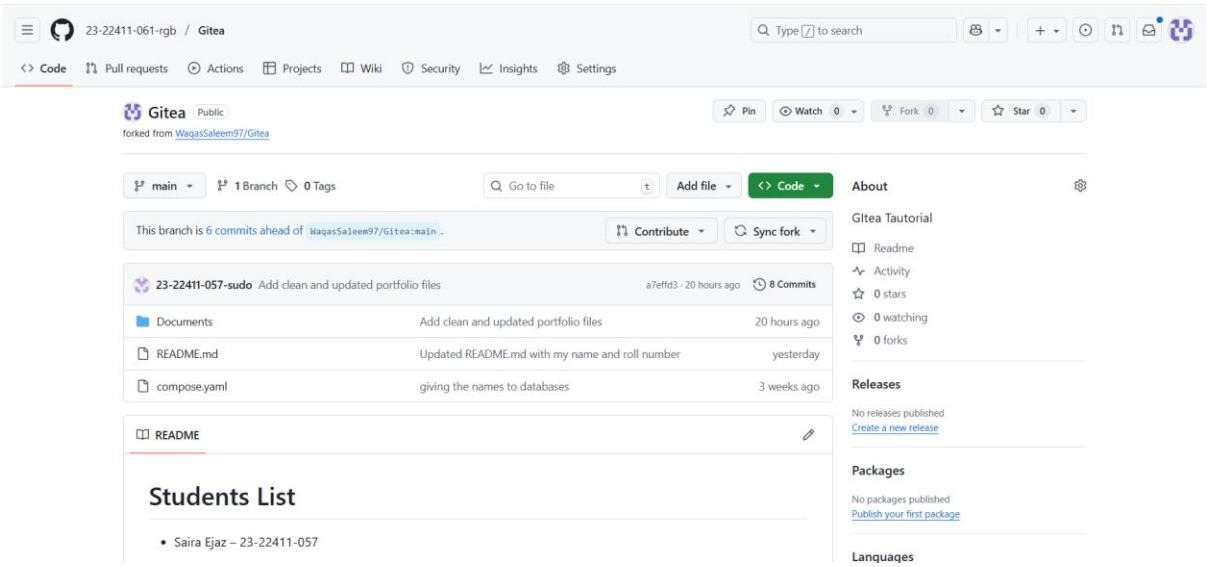
DEPARTMENT: BSE
SEMESTER: 5B
SUBMITTED TO: Sir Waqas Saleem
Date: 12/10/25

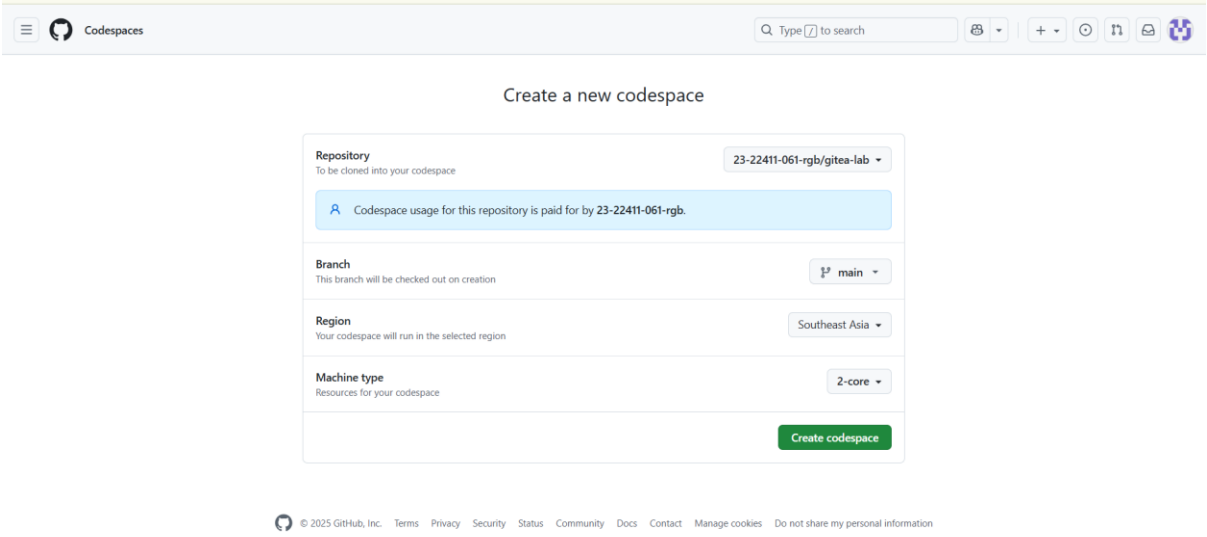
Cloud Computing

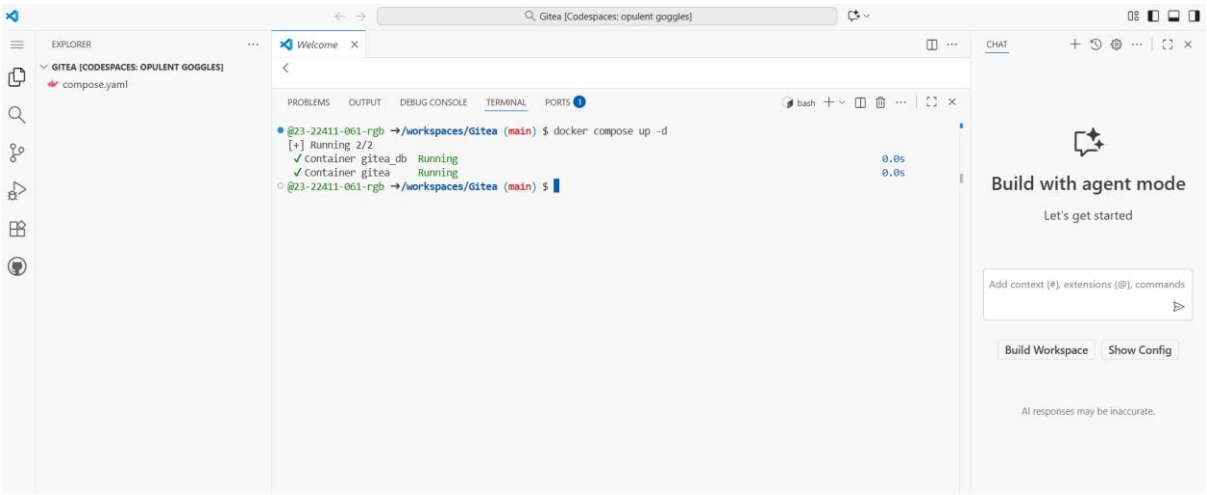
Assignment

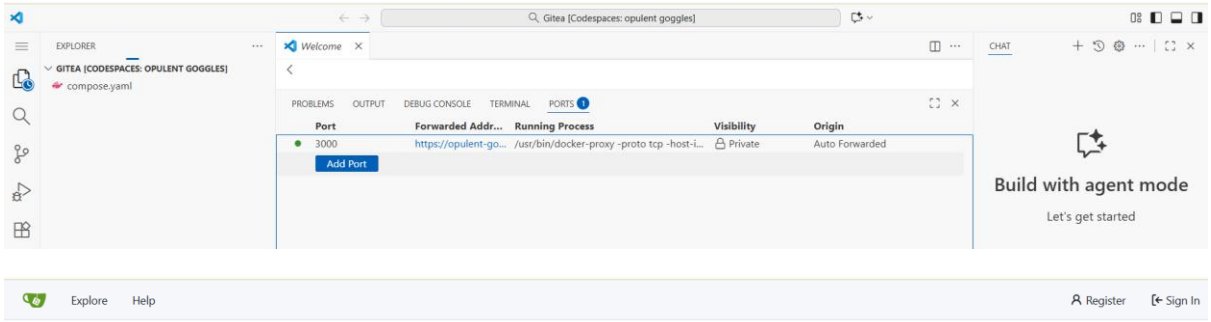
Task 1: Run Gitea in Codespace and Create an Initial Repo

1. **Set up Gitea:**
    - Run a Gitea server inside your Codespace.
    - Use HTTPS for communication (SSH is not supported in Codespace).
2. **Create a Repository:**
    - Create a new repository on your Gitea server.
    - Add a README.md file **listing each student's name and roll number**.
    - Push your initial commit containing the README.md to Gitea.


23-22411-061-rgb / Gitea
Type / to search
Code
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Gitea
Public
forked from WaqasSaleem97/Gitea
Pin
Watch 0
Fork 0
Star 0
main
1 Branch
0 Tags
Go to file
Add file
Code
This branch is 6 commits ahead of WaqasSaleem97/Gitea:main .
Contribute
Sync fork
23-22411-057-sudo Add clean and updated portfolio files
a7effd3 · 20 hours ago
8 Commits
Documents
Add clean and updated portfolio files
20 hours ago
README.md
Updated README.md with my name and roll number
yesterday
compose.yaml
giving the names to databases
3 weeks ago
README
Students List
Saira Ejaz – 23-22411-057
About
GItea Tautorial
Readme
Activity
0 stars
0 watching
0 forks
Releases
No releases published
Create a new release
Packages
No packages published
Publish your first package
Languages


Codespaces
Type / to search
Create a new codespace
Repository
To be cloned into your codespace
23-22411-061-rgb/gitea-lab
Codespace usage for this repository is paid for by 23-22411-061-rgb.
Branch
This branch will be checked out on creation
main
Region
Your codespace will run in the selected region
Southeast Asia
Machine type
Resources for your codespace
2-core
Create codespace
© 2025 GitHub, Inc. Terms Privacy Security Status Community Docs Contact Manage cookies Do not share my personal information


Gitea [Codespaces: opulent goggles]
EXPLORER
GITEA [CODESPACES: OPULENT GOGGLES]
compose.yaml
Welcome
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
bash
@23-22411-061-rgb →/workspaces/Gitea (main) $ docker compose up -d
[+] Running 2/2
✓ Container gitea_db Running 0.0s
✓ Container gitea Running 0.0s
@23-22411-061-rgb →/workspaces/Gitea (main) $
CHAT
Build with agent mode
Let's get started
Add context (#), extensions (@), commands
Build Workspace
Show Config
AI responses may be inaccurate.



Gitea: Git with a cup of tea

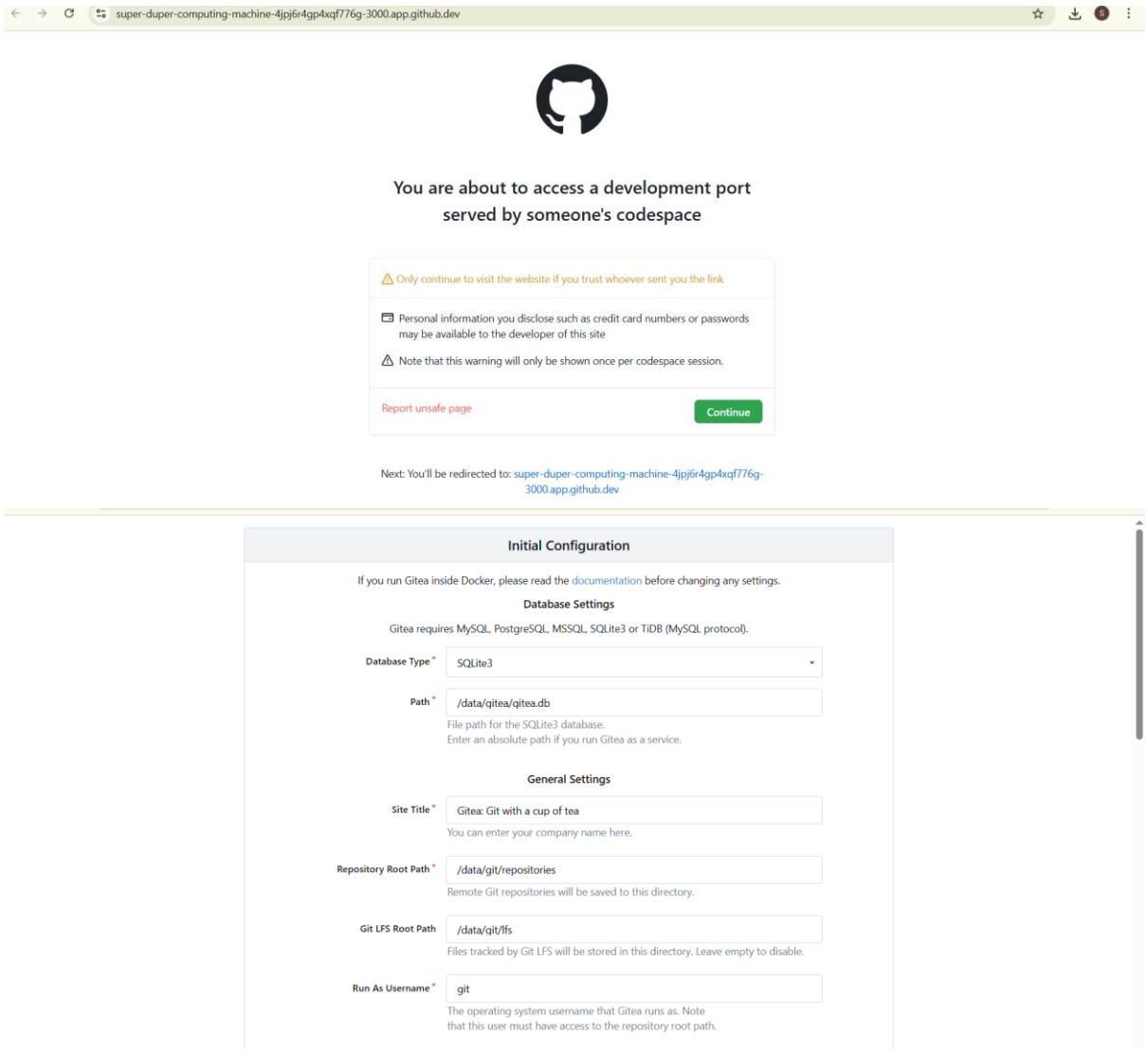
A painless, self-hosted Git service

Easy to install

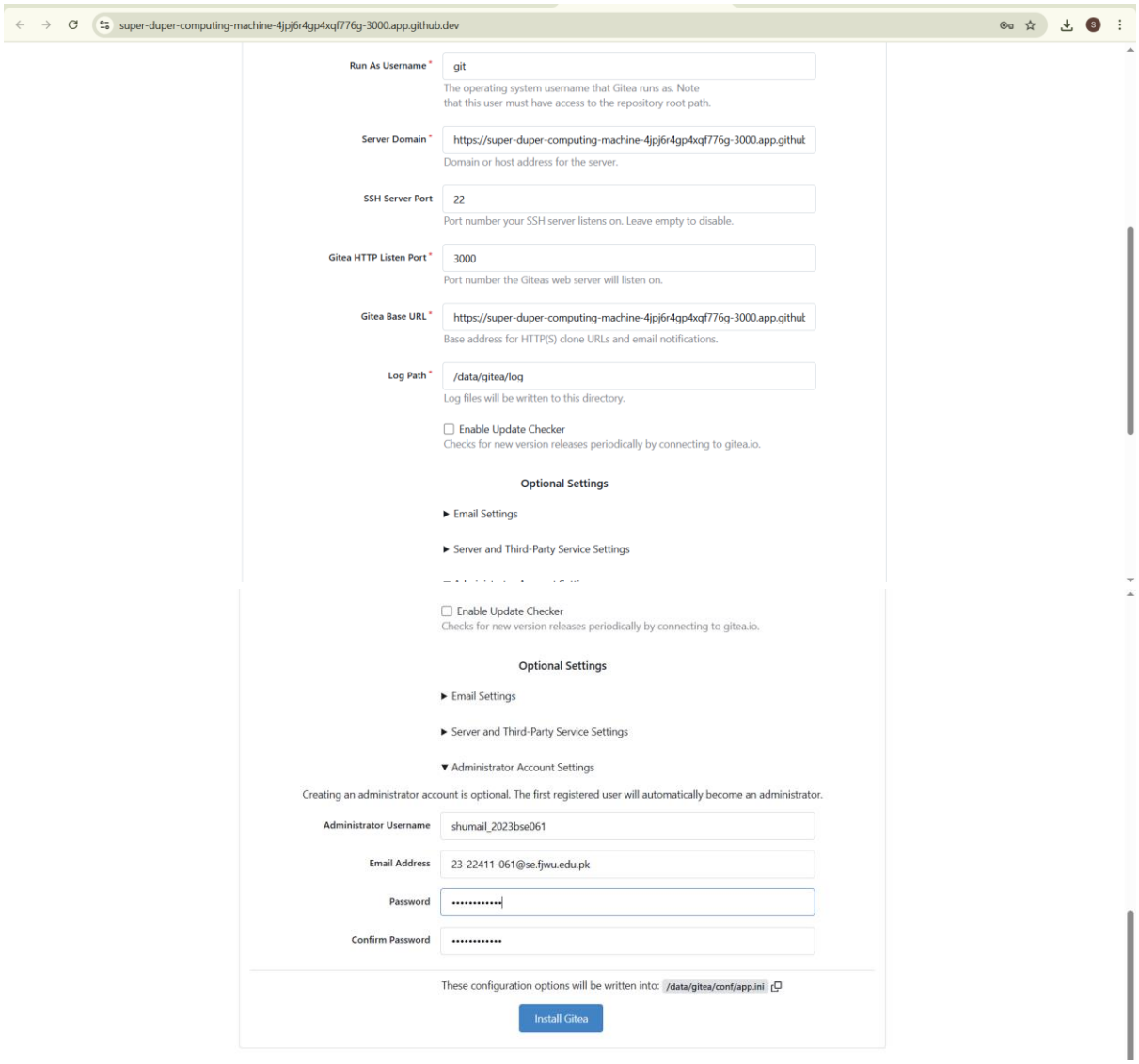
Simply run the binary for your platform, ship it with Docker, or get it packaged.

Cross-platform

Gitea runs anywhere Go can compile for: Windows, macOS, Linux, ARM, etc. Choose the one you love!


super-duper-computing-machine-4jpj6r4gp4xqf776g-3000.app.github.dev
You are about to access a development port served by someone's codespace
Only continue to visit the website if you trust whoever sent you the link
Personal information you disclose such as credit card numbers or passwords may be available to the developer of this site
Note that this warning will only be shown once per codespace session.
Report unsafe page
Continue
Next: You'll be redirected to: super-duper-computing-machine-4jpj6r4gp4xqf776g-3000.app.github.dev

Initial Configuration
If you run Gitea inside Docker, please read the documentation before changing any settings.
Database Settings
Gitea requires MySQL, PostgreSQL, MSSQL, SQLite3 or TiDB (MySQL protocol).
Database Type * SQLite3
Path * /data/gitea/gitea.db
File path for the SQLite3 database.
Enter an absolute path if you run Gitea as a service.
General Settings
Site Title * Gitea: Git with a cup of tea
You can enter your company name here.
Repository Root Path * /data/git/repositories
Remote Git repositories will be saved to this directory.
Git LFS Root Path /data/git/lfs
Files tracked by Git LFS will be stored in this directory. Leave empty to disable.
Run As Username * git
The operating system username that Gitea runs as. Note that this user must have access to the repository root path.


super-duper-computing-machine-4jpj6r4gp4xqf776g-3000.app.github.dev
Run As Username *
git
The operating system username that Gitea runs as. Note
that this user must have access to the repository root path.
Server Domain *
https://super-duper-computing-machine-4jpj6r4gp4xqf776g-3000.app.github
Domain or host address for the server.
SSH Server Port
22
Port number your SSH server listens on. Leave empty to disable.
Gitea HTTP Listen Port *
3000
Port number the Giteas web server will listen on.
Gitea Base URL *
https://super-duper-computing-machine-4jpj6r4gp4xqf776g-3000.app.github
Base address for HTTP(S) clone URLs and email notifications.
Log Path *
/data/gitea/log
Log files will be written to this directory.
Enable Update Checker
Checks for new version releases periodically by connecting to gitea.io.
Optional Settings
▶ Email Settings
▶ Server and Third-Party Service Settings
Enable Update Checker
Checks for new version releases periodically by connecting to gitea.io.
Optional Settings
▶ Email Settings
▶ 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
shumail_2023bse061
Email Address
23-22411-061@se.fjwu.edu.pk
Password
Confirm Password
These configuration options will be written into: /data/gitea/conf/app.ini
Install Gitea

Sign In

Username or Email Address *

shumail_2023bse061

Password Forgot password?

••••••••••••

Remember This Device

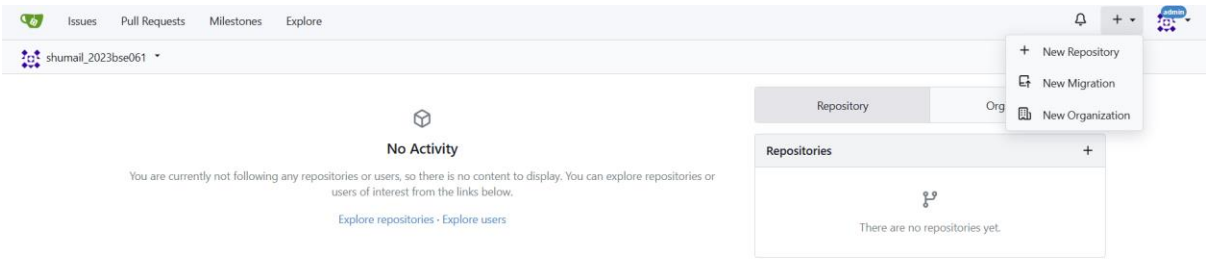
Sign In

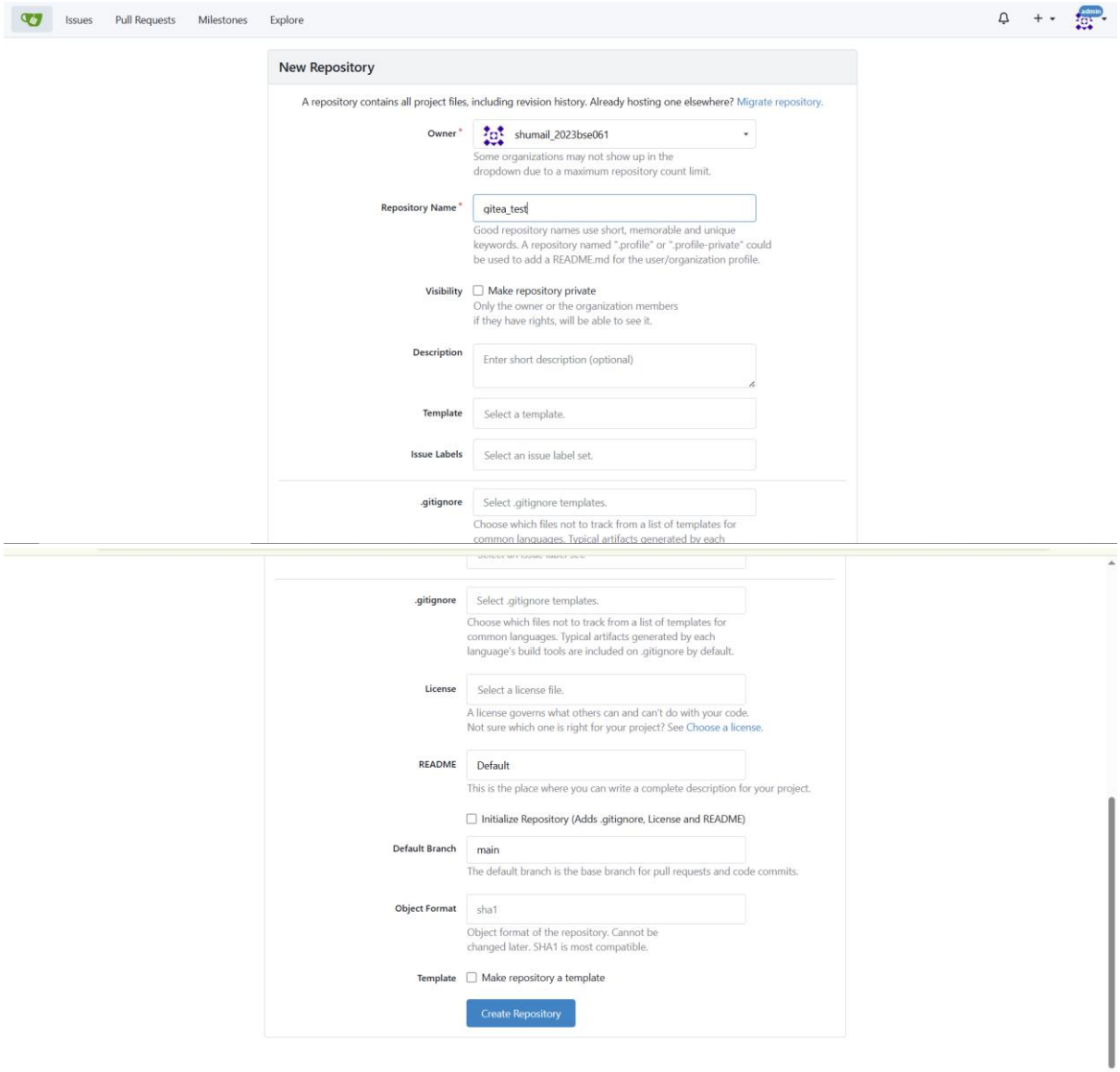
or

Sign in with OpenID

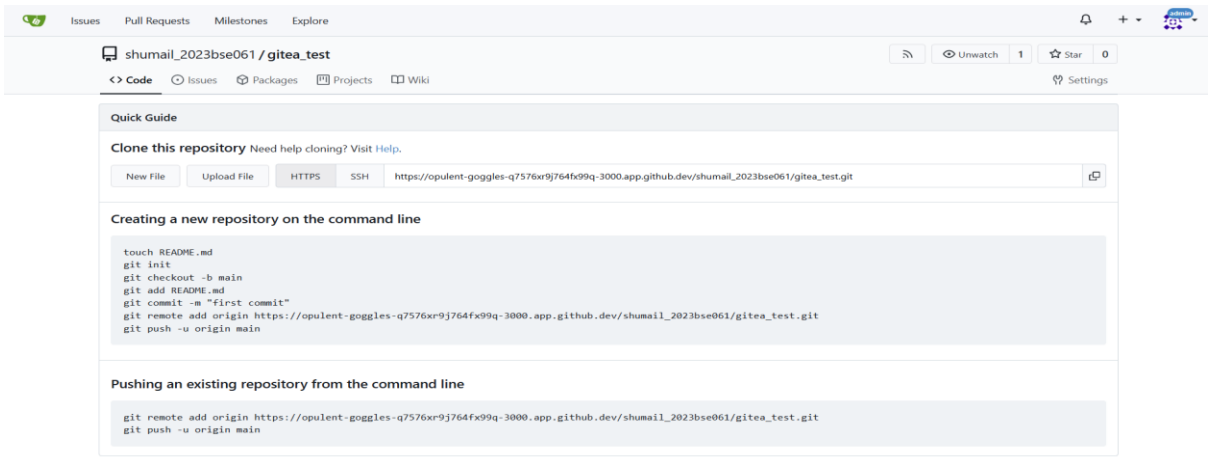
Sign in with a passkey

Need an account? Register now.



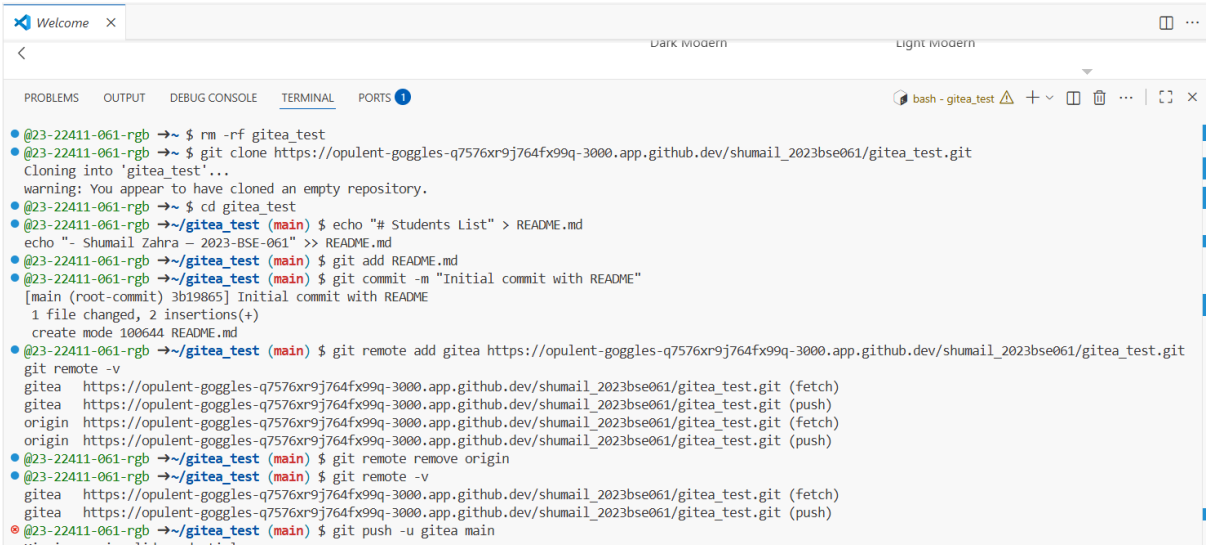


https://opulent-goggles-q7576xr9j764fx99q-3000.app.github.dev/shumail_2023bse061/gitea_test

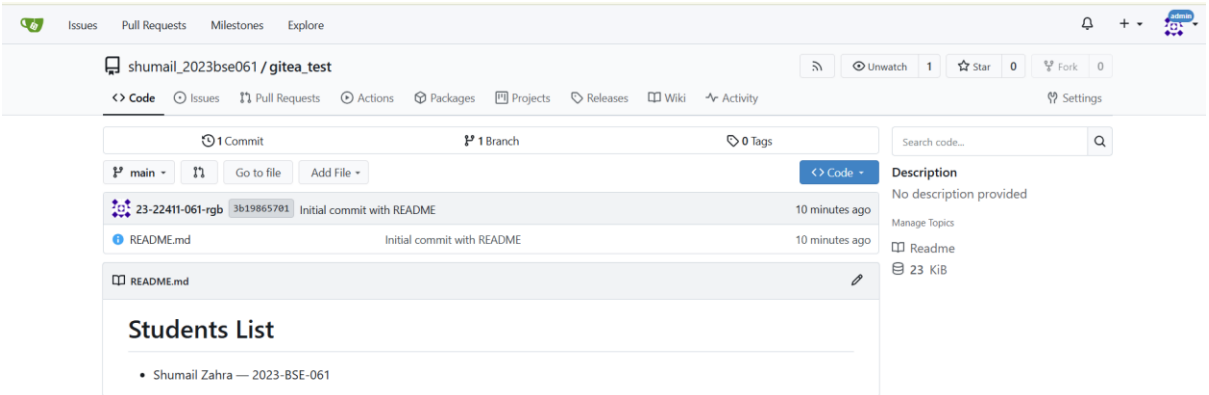


```
Syed@DESKTOP-S5OGK51 MINGW64 ~/documents/gitea_test (main)
$ git remote add gitea https://github.com/23-22411-061-rgb/Gitea.git
error: remote gitea already exists.
```

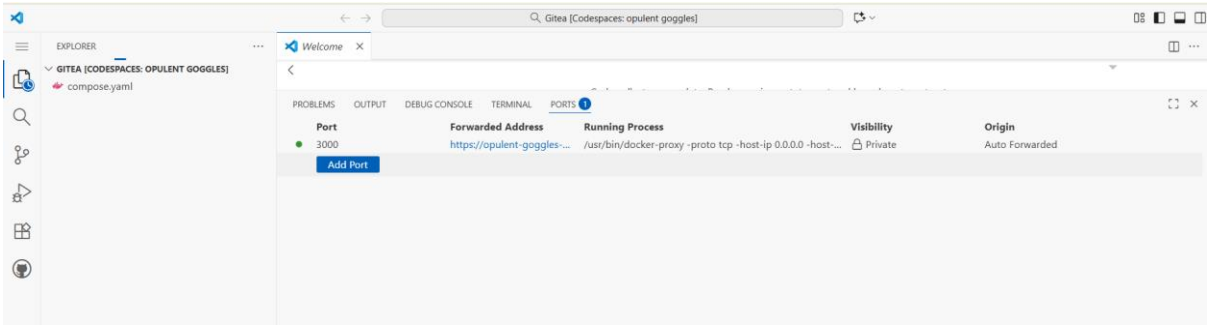
```
Syed@DESKTOP-S5OGK51 MINGW64 ~ (main)
$ git push -u gitea main
Enumerating objects: 25, done.
Counting objects: 100% (25/25), done.
Delta compression using up to 8 threads
Compressing objects: 100% (18/18), done.
Writing objects: 100% (24/24), 7.19 KiB | 433.00 KiB/s, done.
Total 24 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/23-22411-061-rgb/Gitea.git
   421ea28..a7effd3  main -> main
branch 'main' set up to track 'gitea/main'.
```

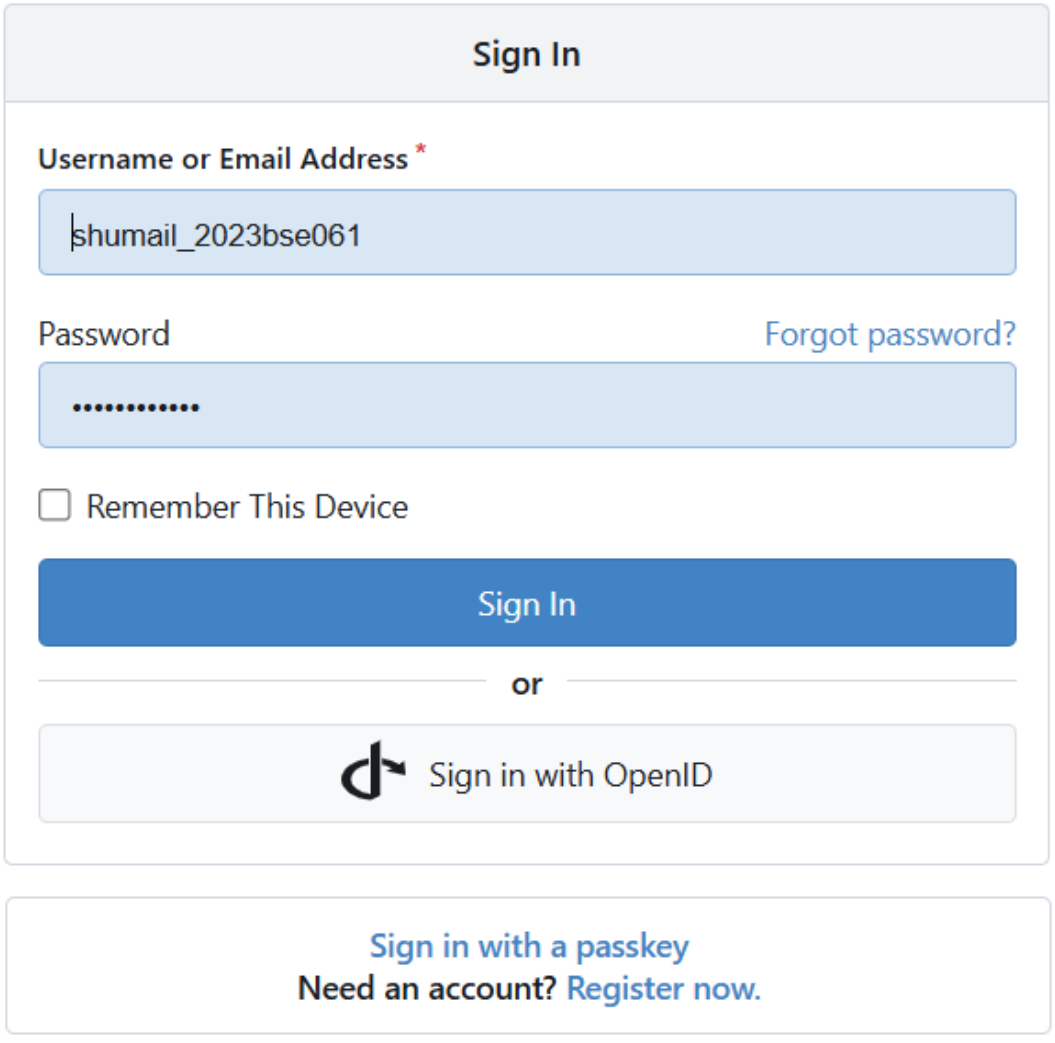


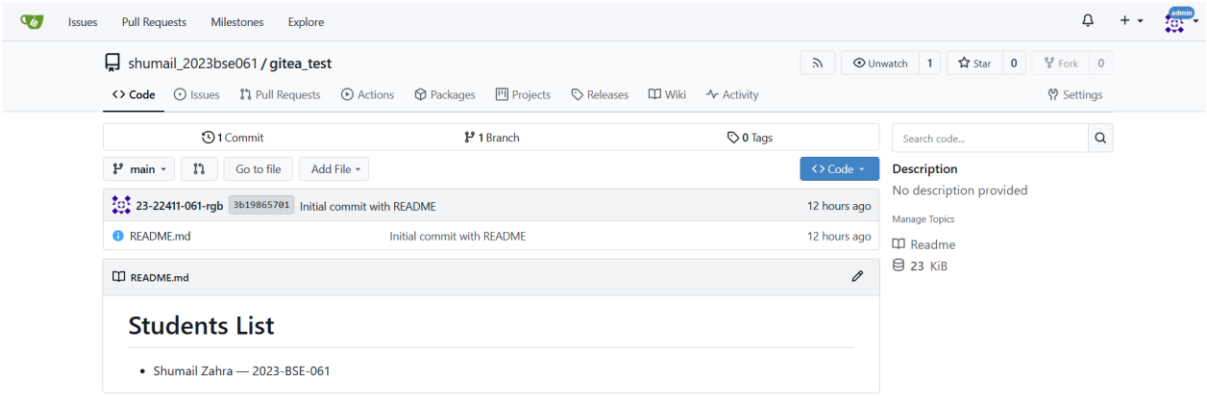

```
fatal: Authentication failed for 'https://opulent-goggles-q7576xr9j764fx99q-3000.app.github.dev/shumail_2023bse061/gitea_test.git/'
@23-22411-061-rgb ➜~/gitea_test (main) $ git config --global credential.helper store
@23-22411-061-rgb ➜~/gitea_test (main) $ git remote set-url gitea https://shumail_2023bse061:0b45e1cae3e896ca287cf172b1a8559a5a7bd7ef@opulent-goggles-q7576xr9
764fx99q-3000.app.github.dev/shumail_2023bse061/gitea_test.git
@23-22411-061-rgb ➜~/gitea_test (main) $ git push -u gitea main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 283 bytes | 283.00 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://opulent-goggles-q7576xr9j764fx99q-3000.app.github.dev/shumail_2023bse061/gitea_test.git
 * [new branch]      main -> main
branch 'main' set up to track 'gitea/main'.
@23-22411-061-rgb ➜~/gitea_test (main) $
```

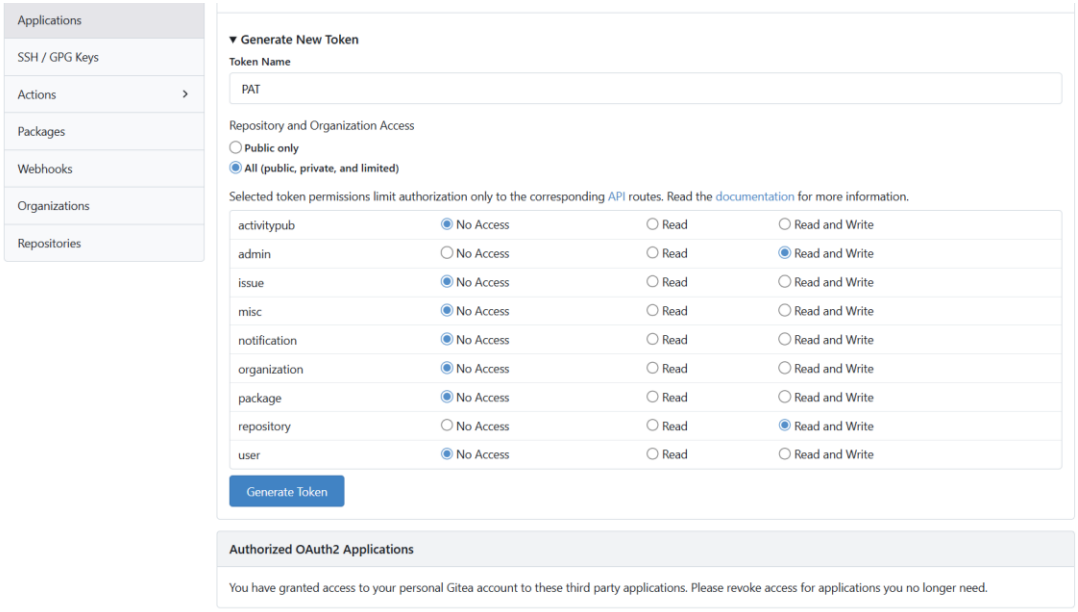


Gitea Server Connection with Git Bash





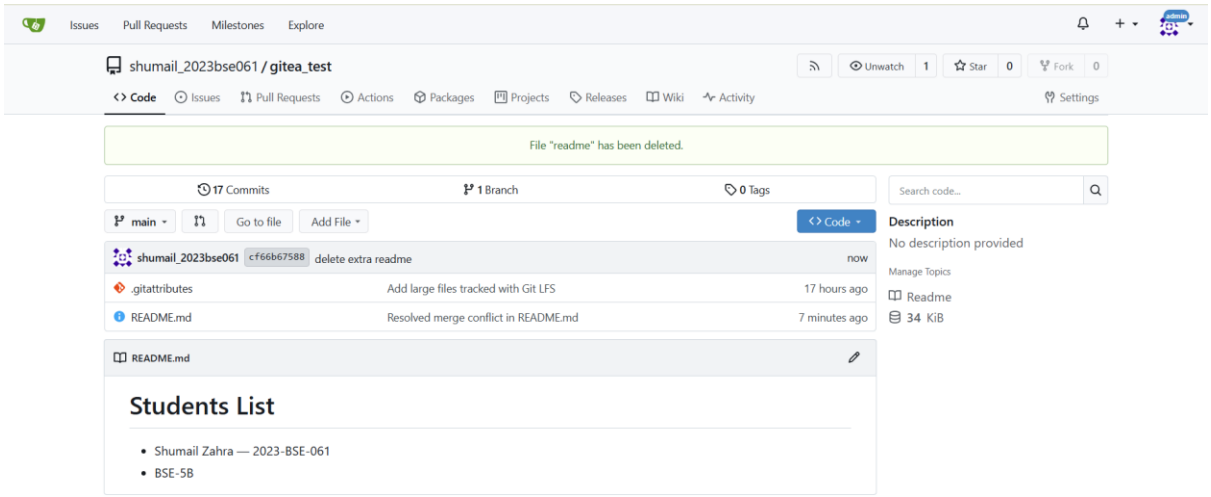

Issues
Pull Requests
Milestones
Explore
shumail_2023bse061 / gitea_test
Unwatch 1
Star 0
Fork 0
Code
Issues
Pull Requests
Actions
Packages
Projects
Releases
Wiki
Activity
Settings
1 Commit
1 Branch
0 Tags
Search code...
main
Go to file
Add File
Code
Description
No description provided
23-22411-061-rgb
3b19865701
Initial commit with README
12 hours ago
README.md
Initial commit with README
12 hours ago
Manage Topics
Readme
23 KiB
README.md
Students List
Shumail Zahra — 2023-BSE-061

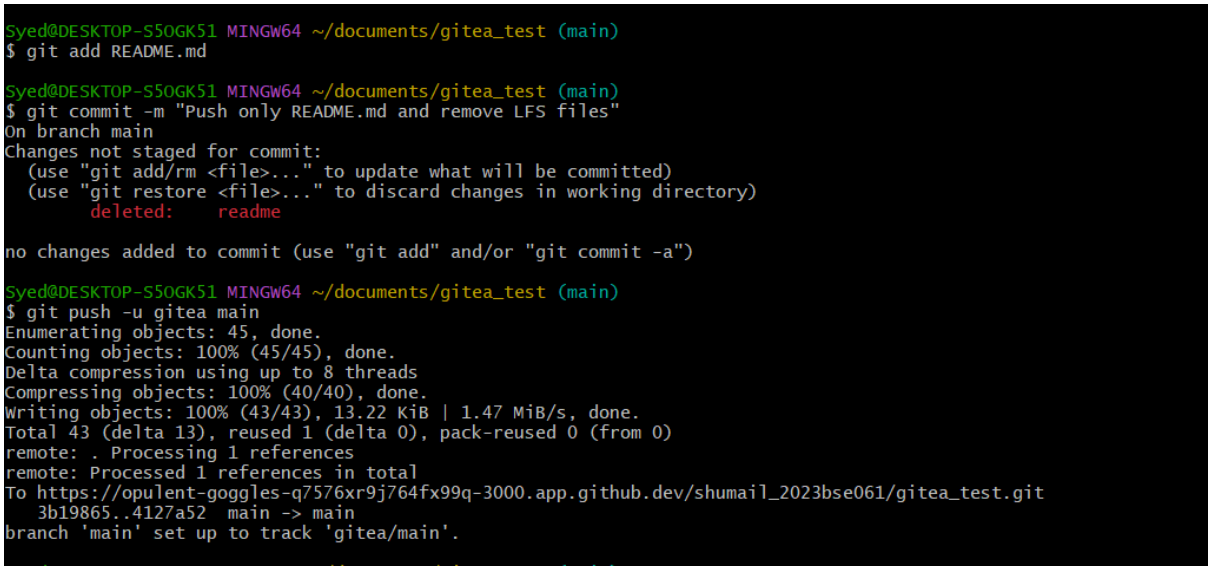

Applications
SSH / GPG Keys
Actions
Packages
Webhooks
Organizations
Repositories
Generate New Token
Token Name
PAT
Repository and Organization Access
Public only
All (public, private, and limited)
Selected token permissions limit authorization only to the corresponding API routes. Read the documentation for more information.
activitypub No Access Read Read and Write
admin No Access Read Read and Write
issue No Access Read Read and Write
misc No Access Read Read and Write
notification No Access Read Read and Write
organization No Access Read Read and Write
package No Access Read Read and Write
repository No Access Read Read and Write
user No Access Read Read and Write
Generate Token
Authorized OAuth2 Applications
You have granted access to your personal Gitea account to these third party applications. Please revoke access for applications you no longer need.

*Untitled - Notepad
File Edit Format View Help
53e03aceb3c1b89d40030c69db56c4d3a3abd1d9
https://shumail_2023bse061:53e03aceb3c1b89d40030c69db56c4d3a3abd1d9@opulent-goggles-q7576xr9j764fx99q-3000.app.github.dev/shumail_2023bse061/gitea_test.git

```
Syed@DESKTOP-S5OGK51 MINGW64 ~ (main)
$ cd documents

Syed@DESKTOP-S5OGK51 MINGW64 ~/documents (main)
$ cd gitea_test

Syed@DESKTOP-S5OGK51 MINGW64 ~/documents/gitea_test (main)
$ git remote -v
github  https://github.com/23-22411-061-rgb/assignment-1.git (fetch)
github  https://github.com/23-22411-061-rgb/assignment-1.git (push)

Syed@DESKTOP-S5OGK51 MINGW64 ~/documents/gitea_test (main)
$ git init
Reinitialized existing Git repository in C:/Users/Syed/Documents/Gitea_Test/.git
/

Syed@DESKTOP-S5OGK51 MINGW64 ~/documents/gitea_test (main)
$ git add remote gitea https://shumail_2023bse061:53e03aceb3c1b89d40030c69db56c4
d3a3abd1d9@opulent-goggles-q7576xr9j764fx99q-3000.app.github.dev/shumail_2023bse
061/gitea_test.git
fatal: pathspec 'remote' did not match any files

Syed@DESKTOP-S5OGK51 MINGW64 ~/documents/gitea_test (main)
$ git remote add gitea https://shumail_2023bse061:53e03aceb3c1b89d40030c69db56c4
d3a3abd1d9@opulent-goggles-q7576xr9j764fx99q-3000.app.github.dev/shumail_2023bse
061/gitea_test.git

Syed@DESKTOP-S5OGK51 MINGW64 ~/documents/gitea_test (main)
$ giy pull
bash: giy: command not found

Syed@DESKTOP-S5OGK51 MINGW64 ~/documents/gitea_test (main)
$ git pull
There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See git-pull(1) for details.

    git pull <remote> <branch>

If you wish to set tracking information for this branch you can do so with:

    git branch --set-upstream-to=<remote>/<branch> main
```

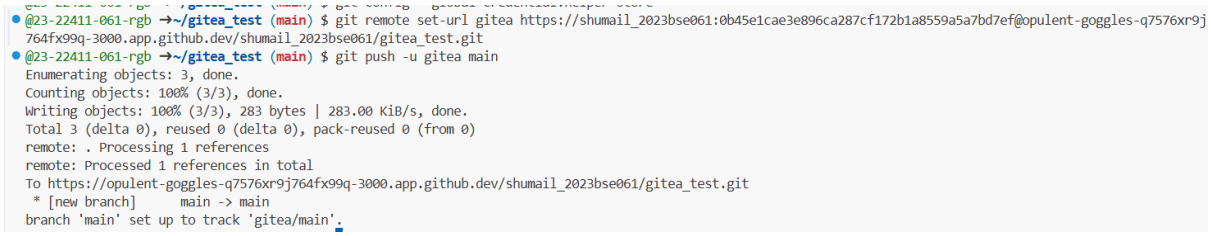
```
Syed@DESKTOP-S5OGK51 MINGW64 ~/documents/gitea_test (main)
$ git pull gitea main
From https://opulent-goggles-q7576xr9j764fx99q-3000.app.github.dev/shumail_2023b
se061/gitea_test
 * branch            main       -> FETCH_HEAD
 * [new branch]      main       -> gitea/main
fatal: refusing to merge unrelated histories

Syed@DESKTOP-S5OGK51 MINGW64 ~/documents/gitea_test (main)
$ ls
README.md  largefile1.zip  largefile2.zip  largefile3.zip  readme

Syed@DESKTOP-S5OGK51 MINGW64 ~/documents/gitea_test (main)
$ cat README.md
# Students List
- Shumail Zahra – 2023-BSE-061

Syed@DESKTOP-S5OGK51 MINGW64 ~/documents/gitea_test (main)
$ echo " BSE-5B" >> README.md

Syed@DESKTOP-S5OGK51 MINGW64 ~/documents/gitea_test (main)
$ cat README.md
# Students List
- Shumail Zahra – 2023-BSE-061
 BSE-5B

Syed@DESKTOP-S5OGK51 MINGW64 ~/documents/gitea_test (main)
$ git add .
warning: in the working copy of 'README.md', LF will be replaced by CRLF the nex
t time Git touches it
"
Syed@DESKTOP-S5OGK51 MINGW64 ~/documents/gitea_test (main)
$ git commit -m "Local Commit"
[main 6af8014] Local Commit
 4 files changed, 12 insertions(+)
 create mode 100644 README.md
 create mode 100644 largefile1.zip
 create mode 100644 largefile2.zip
 create mode 100644 largefile3.zip
```





https://opulent-goggles-q7576xr9j764fx99q-3000.app.github.dev/shumail_2023bse061/gitea_test/src/branch/main/

3. **Add Remote Repo:**
    - Use the following command to add your Gitea repository as a remote:
    - git remote add gitea <your_gitea_repo_https_url>



Task 2: Mirror README.md from Gitea to GitHub

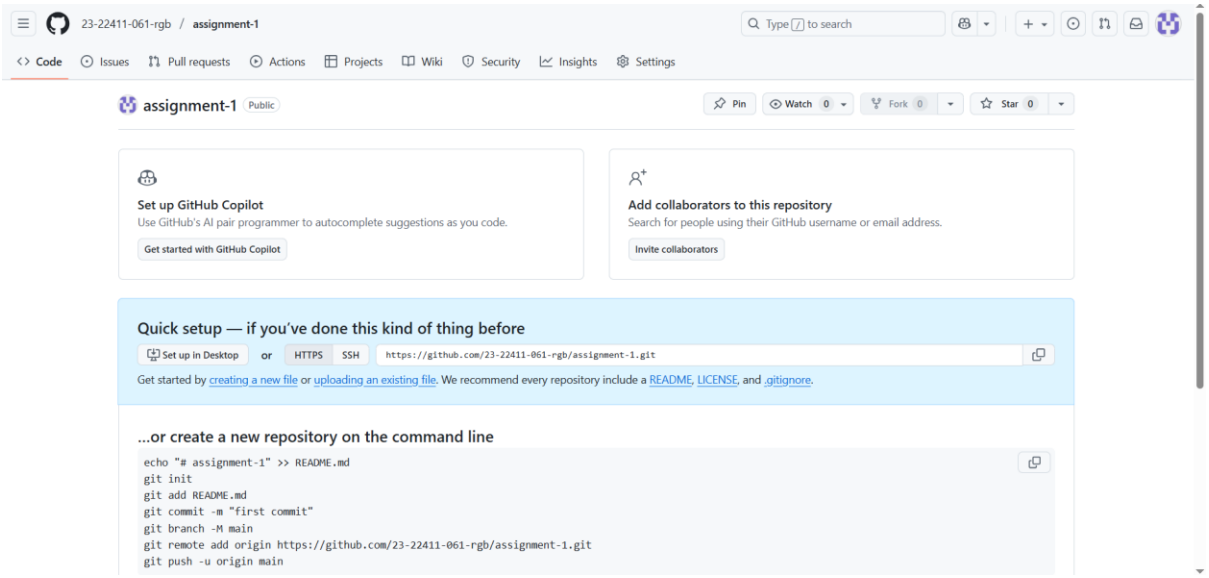
1. **Continue Working with Your Existing Repository:**

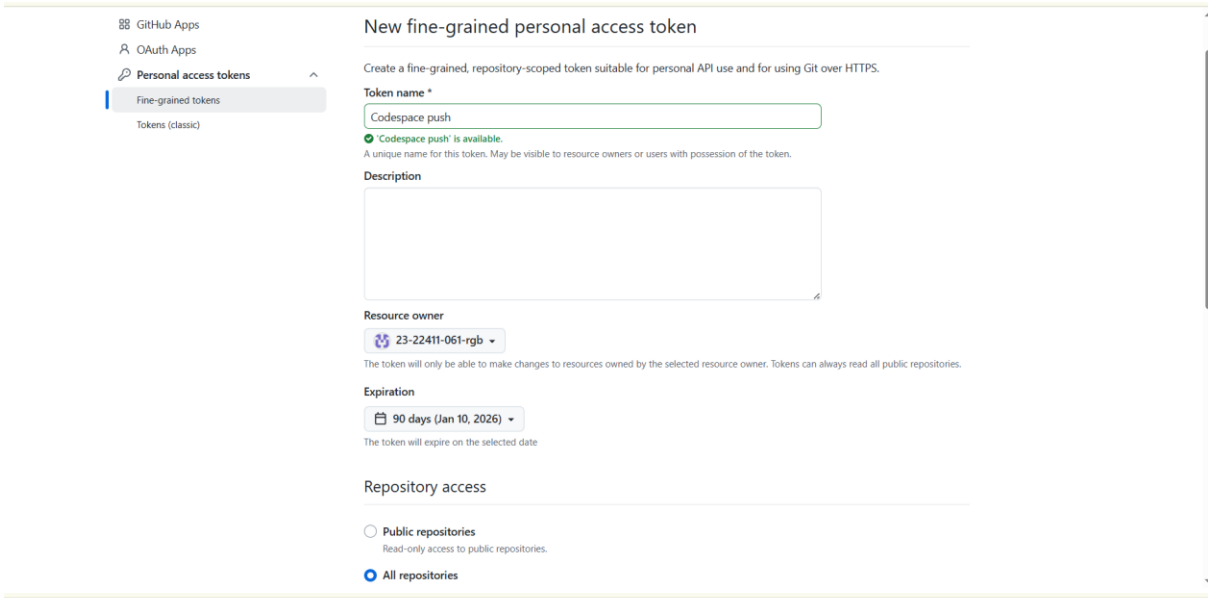
- You will use the same repository that you created and pushed to your Gitea server in Task 1.

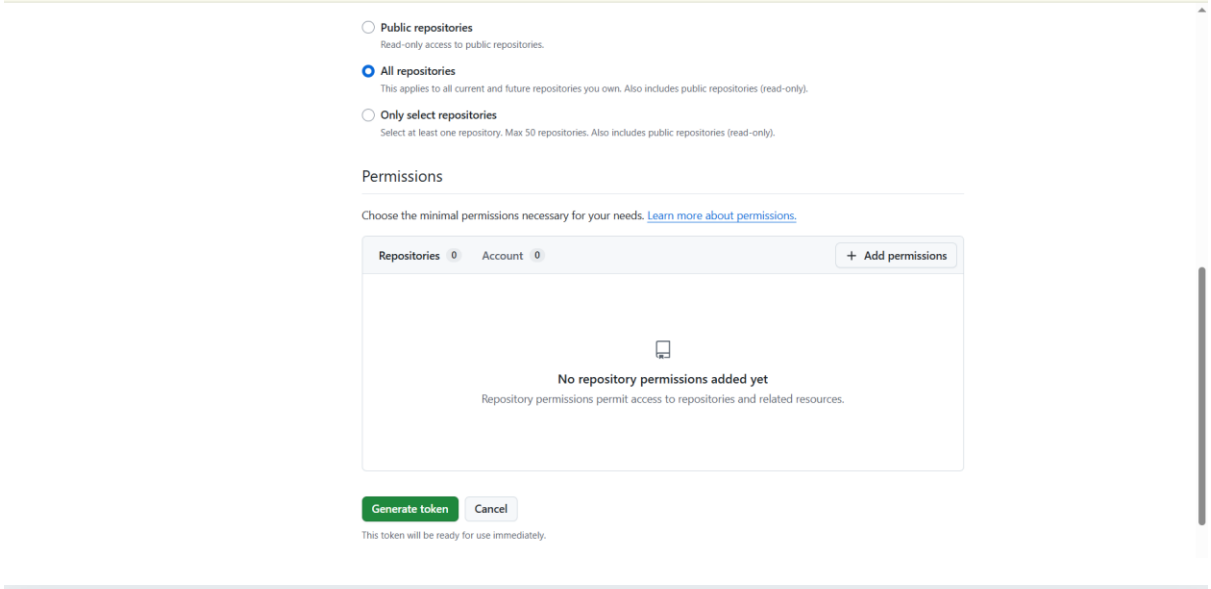
```
Syed@DESKTOP-S5OGK51 MINGW64 ~ (main)
$ git clone https://opulent-goggles-q7576xr9j764fx99q-3000.app.github.dev/shumail_2023bse061/gitea_test.git
Cloning into 'gitea_test'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
```

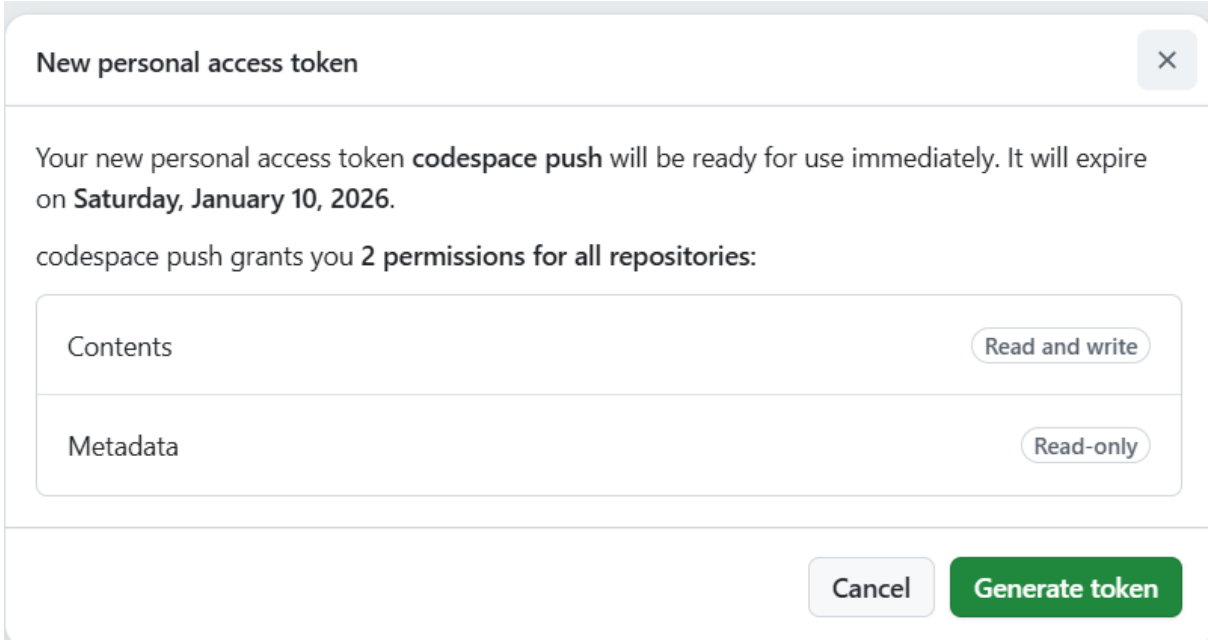
2. **Create GitHub Repository:**

   - Create a new GitHub repository named assignment 1.




GitHub Apps
OAuth Apps
Personal access tokens
Fine-grained tokens
Tokens (classic)
New fine-grained personal access token
Create a fine-grained, repository-scoped token suitable for personal API use and for using Git over HTTPS.
Token name *
Codespace push
'Codespace push' is available.
A unique name for this token. May be visible to resource owners or users with possession of the token.
Description
Resource owner
23-22411-061-rgb
The token will only be able to make changes to resources owned by the selected resource owner. Tokens can always read all public repositories.
Expiration
90 days (Jan 10, 2026)
The token will expire on the selected date
Repository access
Public repositories
Read-only access to public repositories.
All repositories


Public repositories
Read-only access to public repositories.
All repositories
This applies to all current and future repositories you own. Also includes public repositories (read-only).
Only select repositories
Select at least one repository. Max 50 repositories. Also includes public repositories (read-only).
Permissions
Choose the minimal permissions necessary for your needs. Learn more about permissions.
Repositories 0
Account 0
+ Add permissions
No repository permissions added yet
Repository permissions permit access to repositories and related resources.
Generate token
Cancel
This token will be ready for use immediately.


New personal access token
Your new personal access token codespace push will be ready for use immediately. It will expire on Saturday, January 10, 2026.
codespace push grants you 2 permissions for all repositories:
Contents
Read and write
Metadata
Read-only
Cancel
Generate token

3. **Add GitHub as a Second Remote:**
    - Add your GitHub repository as a remote to your local repository:
    - git remote add github <your_github_repo_https_url>

```
Syed@DESKTOP-S5OGK51 MINGW64 ~ (main)
$ git remote add http://github.com/23-22411-061-rgb/assignment-1.git
usage: git remote add [<options>] <name> <url>

    -f, --[no-]fetch      fetch the remote branches
    --[no-]tags           import all tags and associated objects when fetching
                          or do not fetch any tag at all (--no-tags)
    -t, --[no-]track <branch>
                          branch(es) to track
    -m, --[no-]master <branch>
                          master branch
    --[no-]mirror[=(push|fetch)]
                          set up remote as a mirror to push to or fetch from
```

4. **Push the README.md File to GitHub:**
    - Push the contents (including the README.md) from your local repository to GitHub.

```
Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git remote rename origin gitea
Renaming remote references: 100% (3/3), done.

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git remote -v
gitea   https://opulent-goggles-q7576xr9j764fx99q-3000.app.github.dev/shumail_2023bse061/gitea_test.git (fetch)
gitea   https://opulent-goggles-q7576xr9j764fx99q-3000.app.github.dev/shumail_2023bse061/gitea_test.git (push)

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git remote add github https://github.com/23-22411-061-rgb/assignment-1.git

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git remote -v
gitea   https://opulent-goggles-q7576xr9j764fx99q-3000.app.github.dev/shumail_2023bse061/gitea_test.git (fetch)
gitea   https://opulent-goggles-q7576xr9j764fx99q-3000.app.github.dev/shumail_2023bse061/gitea_test.git (push)
github  https://github.com/23-22411-061-rgb/assignment-1.git (fetch)
github  https://github.com/23-22411-061-rgb/assignment-1.git (push)

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git add README.md

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git commit -m "Copy README.md from Gitea"
On branch main
Your branch is up to date with 'gitea/main'.

nothing to commit, working tree clean
```

```
nothing to commit, working tree clean

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git push -u github main
To https://github.com/23-22411-061-rgb/assignment-1.git
 ! [rejected]        main -> main (fetch first)
error: failed to push some refs to 'https://github.com/23-22411-061-rgb/assignment-1.git'
hint: Updates were rejected because the remote contains work that you do not
hint: have locally. This is usually caused by another repository pushing to
hint: the same ref. If you want to integrate the remote changes, use
hint: 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ ^C

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git pull --rebase github main
remote: Enumerating objects: 17, done.
remote: Counting objects: 100% (17/17), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 17 (delta 3), reused 9 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (17/17), 6.35 KiB | 52.00 KiB/s, done.
From https://github.com/23-22411-061-rgb/assignment-1
 * branch            main       -> FETCH_HEAD
 * [new branch]      main       -> github/main
Successfully rebased and updated refs/heads/main.

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git push -u github main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 464 bytes | 116.00 KiB/s, done.
Total 3 (delta 0), reused 1 (delta 0), pack-reused 0 (from 0)
To https://github.com/23-22411-061-rgb/assignment-1.git
   ca77e29..8455e4a  main -> main
branch 'main' set up to track 'github/main'.
```

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

```
Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git remote -v
gitea   https://opulent-goggles-q7576xr9j764fx99q-3000.app.github.dev/shumail_2023bse061/gitea_test.git (fetch)
gitea   https://opulent-goggles-q7576xr9j764fx99q-3000.app.github.dev/shumail_2023bse061/gitea_test.git (push)
github  https://github.com/23-22411-061-rgb/assignment-1.git (fetch)
github  https://github.com/23-22411-061-rgb/assignment-1.git (push)
```

Task 3: Use Git LFS for Large Files

https://github.com/23-22411-061-rgb/assignment-1

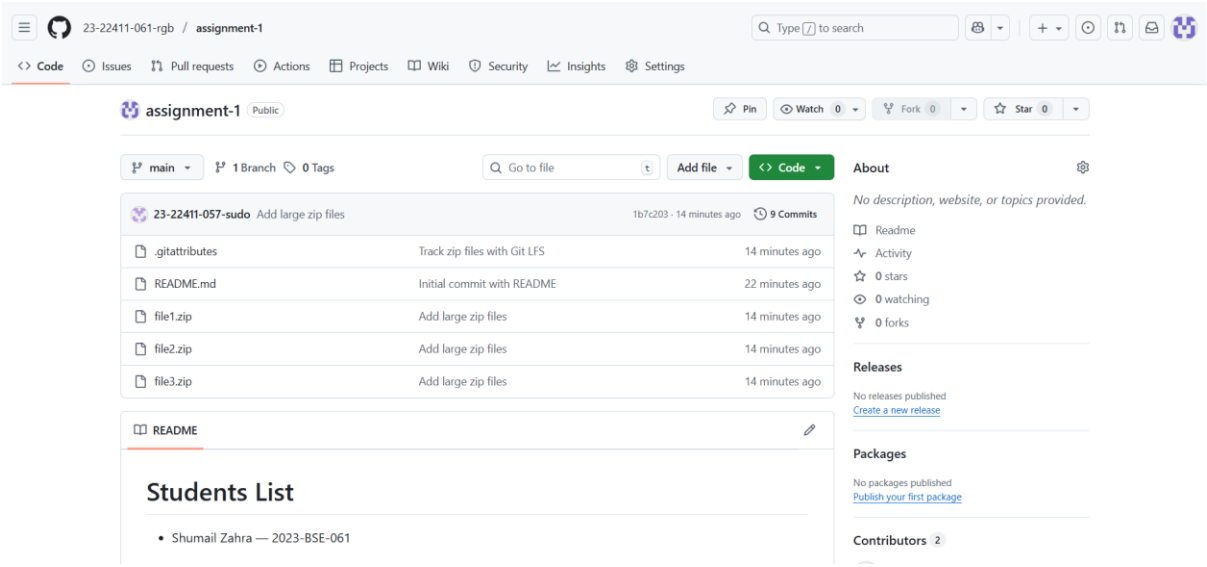
1. **Install Git LFS:**
    - Set up Git LFS in your local repository.
2. **Add Large Files:**
    - Add **three files larger than 100 MB** each to your repository.
    - Track them using Git LFS:
    - git lfs track "*.ext"

Replace .ext with the appropriate file extension.

3. **Reference in Assignment Repo:**
    - Commit and push these large files to your GitHub assignment 1 repo.
    - Ensure the files are referenced correctly in your repository history.

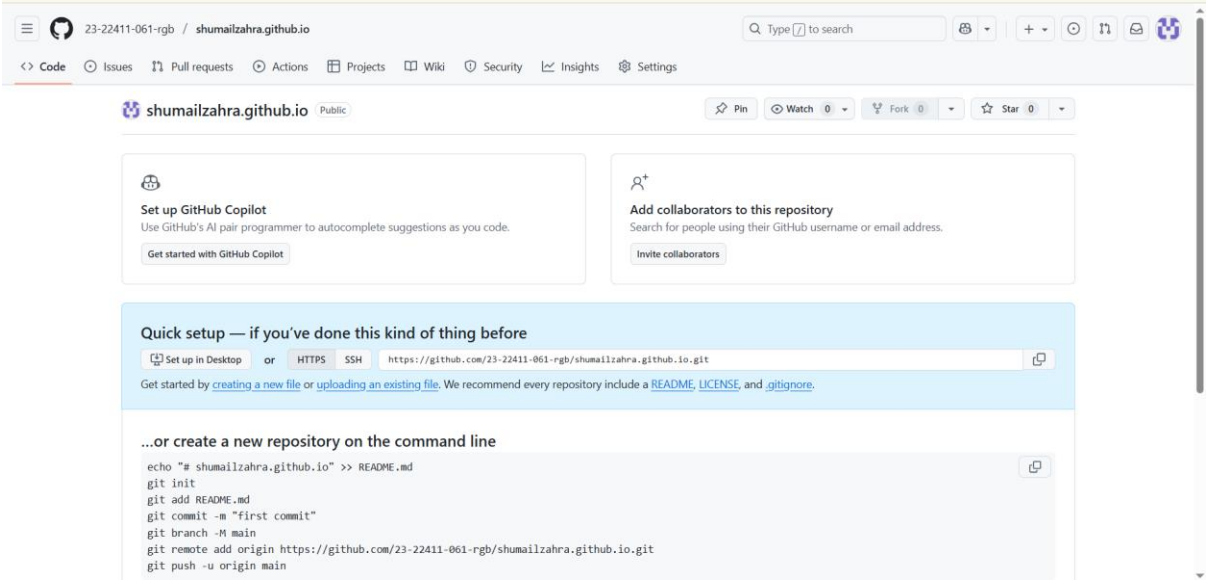
```
Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git lfs install
Updated Git hooks.
Git LFS initialized.

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ fsutil file createnew file1.zip 120000000
File C:\Users\Syed\gitea_test\file1.zip is created

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ fsutil file createnew file2.zip 130000000
File C:\Users\Syed\gitea_test\file2.zip is created

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ fsutil file createnew file3.zip 150000000
File C:\Users\Syed\gitea_test\file3.zip is created

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ ls
README.md  file1.zip  file2.zip  file3.zip

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git lfs track "*.ext"
Tracking "*.ext"

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git lfs track "*.zip"
"*.zip" already supported
```

```
Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git push github main
Everything up-to-date

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ ^C

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git add .gitattributes

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git commit -m "Track zip files with Git LFS"
[main 08ca9d6] Track zip files with Git LFS
 1 file changed, 1 insertion(+)

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git add file1.zip file2.zip file3.zip
git commit -m "Add large zip files"
Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git commit -m "Add large zip files"
[main 1b7c203] Add large zip files
 3 files changed, 9 insertions(+)
 create mode 100644 file1.zip
 create mode 100644 file2.zip
 create mode 100644 file3.zip

Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ git push github main
Uploading LFS objects: 100% (3/3), 400 MB | 542 KB/s, done.
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 8 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (8/8), 1.32 KiB | 135.00 KiB/s, done.
Total 8 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/23-22411-061-rgb/assignment-1.git
   8455e4a..1b7c203  main -> main
```



Task 4: Create a Portfolio/CV with GitHub Pages

1. **Create a new repository for GitHub Pages:**
    - Create a new repository named <your-username>.github.io.
    - Replace <your-username> with your actual GitHub username (e.g., johnsmith.github.io).
2. **Design Your Portfolio/CV:**
    - Create your portfolio or CV in HTML/CSS (or use a static site generator).
3. **Publish with GitHub Pages:**
    - Push your portfolio/CV files to the <your-username>.github.io repository.
    - Enable GitHub Pages in your repository settings if not automatically enabled.
    - Publish your site and share the link.



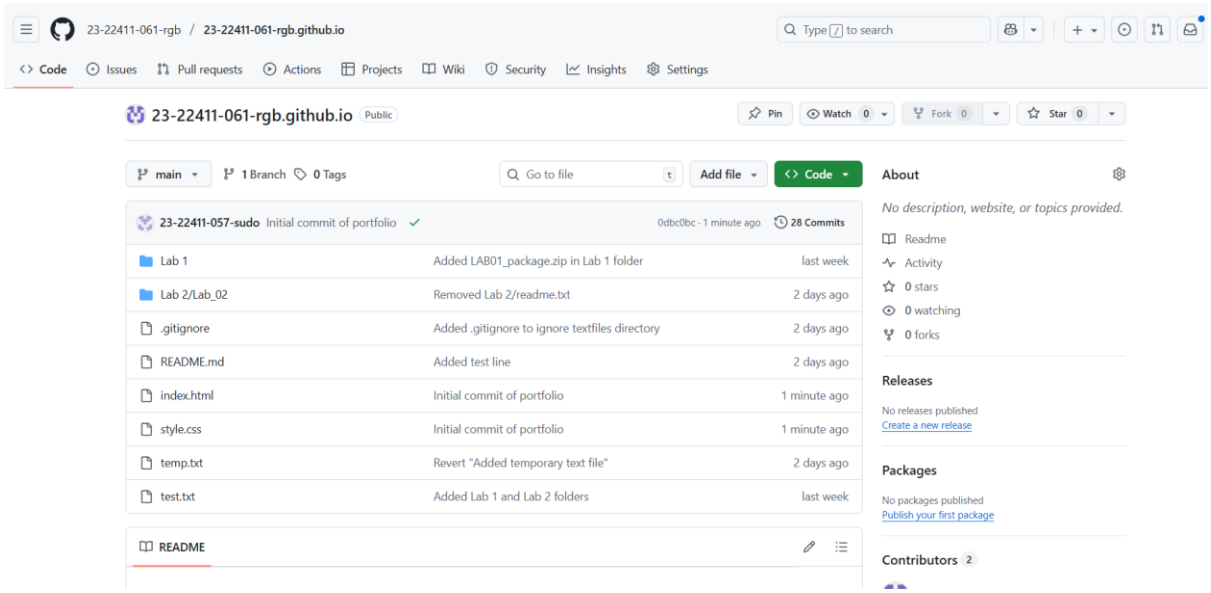
index - Notepad

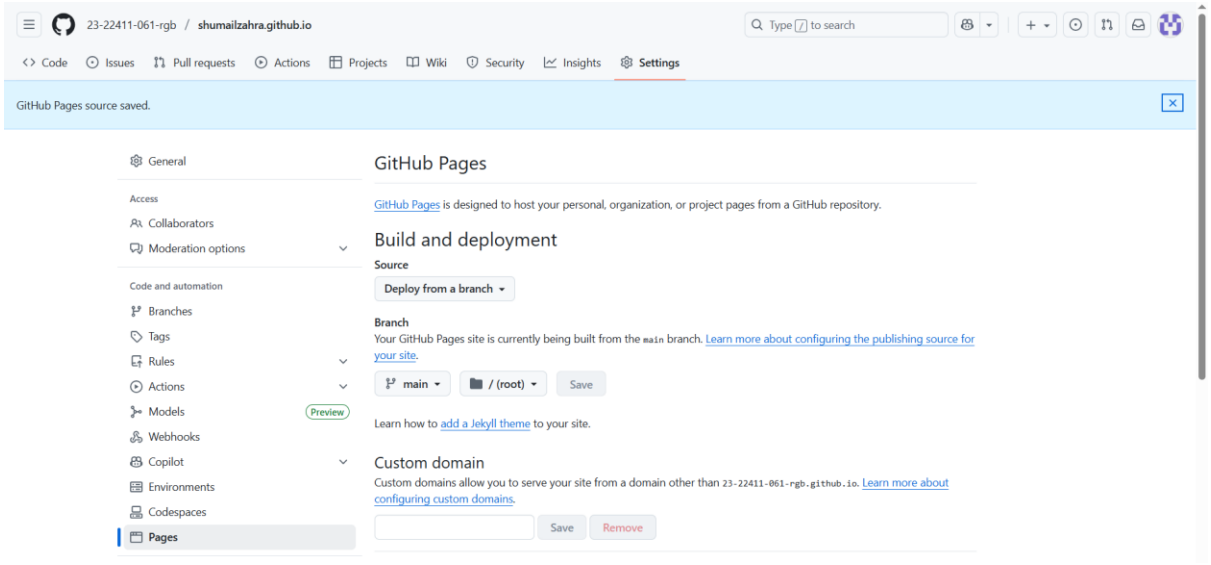
File Edit Format View Help

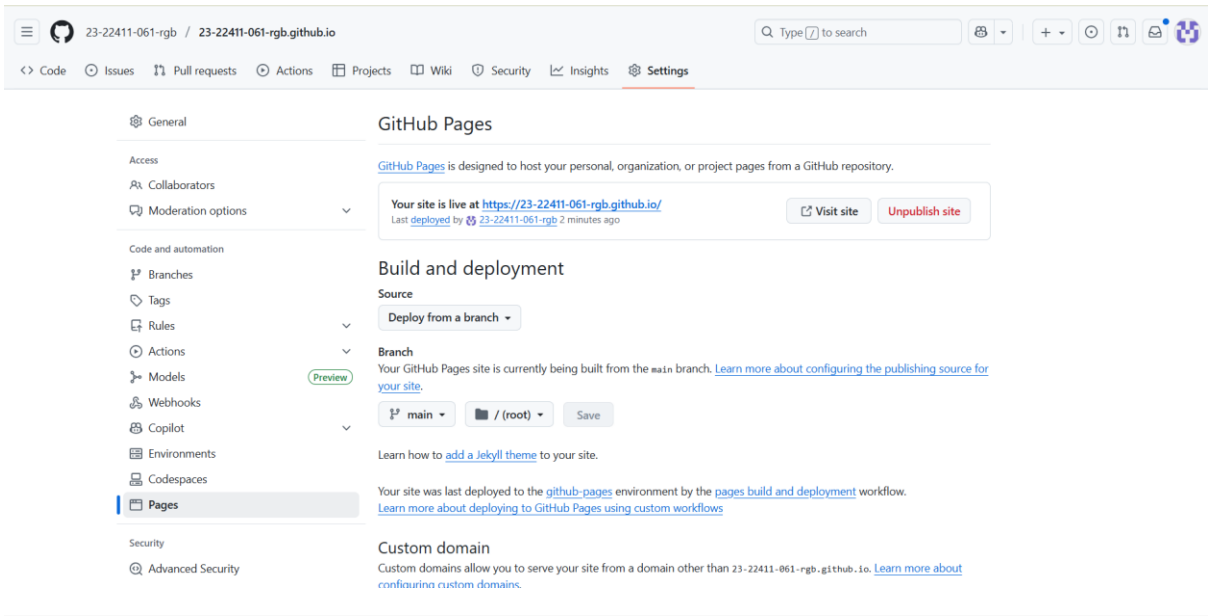
```
<html>
<head><title>My Portfolio</title></head>
<body>
  <h1>Shumail Zahra</h1>
  <p>Reg No: 2023-BSE-061</p>
  <p>Email: shumail@example.com</p>
  <h2>About Me</h2>
  <p>I'm a software engineering student passionate about web and cloud technologies.</p>
</body>
</html>
```

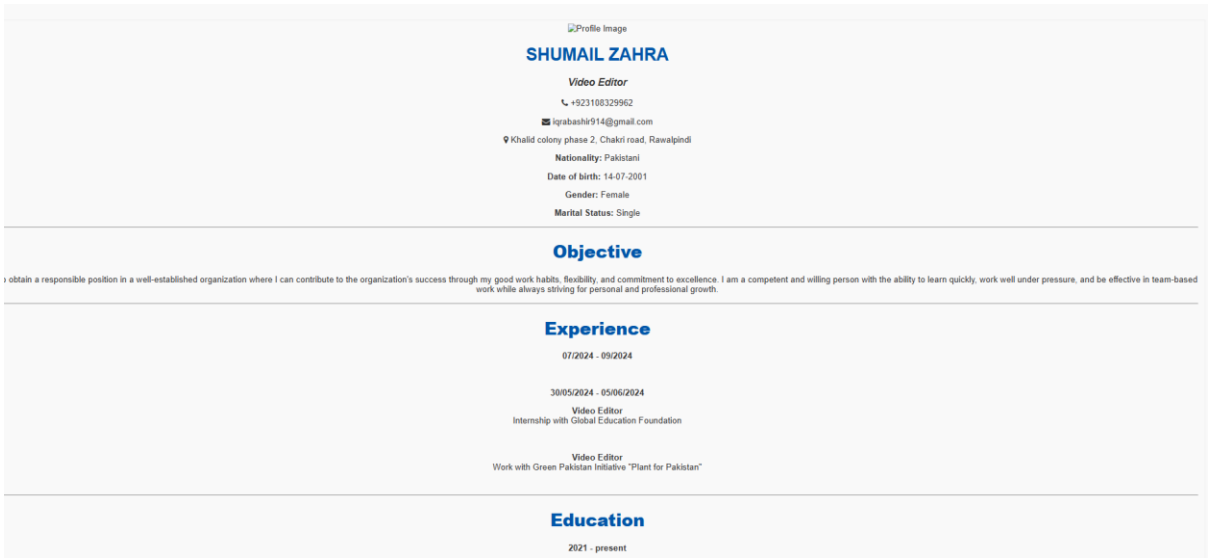
```
Syed@DESKTOP-S5OGK51 MINGW64 ~/gitea_test (main)
$ cd

Syed@DESKTOP-S5OGK51 MINGW64 ~ (main)
$ cd ~/Documents/Portfolio1

Syed@DESKTOP-S5OGK51 MINGW64 ~/Documents/Portfolio1 (main)
$ ls
 index.html  'saira token.txt'   style.css

Syed@DESKTOP-S5OGK51 MINGW64 ~/Documents/Portfolio1 (main)
$ git init
Initialized empty Git repository in C:/Users/Syed/Documents/Portfolio1/.git/

Syed@DESKTOP-S5OGK51 MINGW64 ~/Documents/Portfolio1 (master)
$ git remote add origin https://github.com/23-22411-061-rgb/23-22411-061-rgb.github.io.git

Syed@DESKTOP-S5OGK51 MINGW64 ~/Documents/Portfolio1 (master)
$ git remote -v
origin  https://github.com/23-22411-061-rgb/23-22411-061-rgb.github.io.git (fetch)
origin  https://github.com/23-22411-061-rgb/23-22411-061-rgb.github.io.git (push)

Syed@DESKTOP-S5OGK51 MINGW64 ~/Documents/Portfolio1 (master)
$ git add index.html style.css

Syed@DESKTOP-S5OGK51 MINGW64 ~/Documents/Portfolio1 (master)
$ git commit -m "Initial commit of portfolio"
[master (root-commit) c2aea84] Initial commit of portfolio
 2 files changed, 180 insertions(+)
 create mode 100644 index.html
 create mode 100644 style.css
```

```
Syed@DESKTOP-S5OGK51 MINGW64 ~/Documents/Portfolio1 (main)
$ git push -u origin main
To https://github.com/23-22411-061-rgb/23-22411-061-rgb.github.io.git
 ! [rejected]        main -> main (fetch first)
error: failed to push some refs to 'https://github.com/23-22411-061-rgb/23-22411-061-rgb.github.io.git'
hint: Updates were rejected because the remote contains work that you do not
hint: have locally. This is usually caused by another repository pushing to
hint: the same ref. If you want to integrate the remote changes, use
hint: 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.

Syed@DESKTOP-S5OGK51 MINGW64 ~/Documents/Portfolio1 (main)
$ ^C

Syed@DESKTOP-S5OGK51 MINGW64 ~/Documents/Portfolio1 (main)
$ git pull --rebase origin main
remote: Enumerating objects: 181, done.
remote: Counting objects: 100% (181/181), done.
remote: Compressing objects: 100% (145/145), done.
remote: Total 181 (delta 21), reused 177 (delta 19), pack-reused 0 (from 0)
Receiving objects: 100% (181/181), 18.62 MiB | 132.00 KiB/s, done.
Resolving deltas: 100% (21/21), done.
From https://github.com/23-22411-061-rgb/23-22411-061-rgb.github.io
 * branch            main       -> FETCH_HEAD
 * [new branch]      main       -> origin/main
Successfully rebased and updated refs/heads/main.

Syed@DESKTOP-S5OGK51 MINGW64 ~/Documents/Portfolio1 (main)
$ git push -u origin main
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), 5.32 KiB | 1.77 MiB/s, done.
Total 4 (delta 1), reused 2 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/23-22411-061-rgb/23-22411-061-rgb.github.io.git
   6c5a64e..0dbc0bc  main -> main
branch 'main' set up to track 'origin/main'.
```









GitHub Pages link

https://23-22411-061-rgb.github.io/