

### **Experiment 3**

**AIM: Create a GitHub/GitLab repository and upload sample code**

Step 1: Download from <https://git-scm.com>

Step 2: Configuration

```
git config --global user.name " dharmiktrada "
```

```
git config --global user.email "dharmik.pvt21@gmail.com"
```

Step 3:

```
Z:\>C:
```

```
C:\>cd users
```

Reinitialized existing Git repository in C:/Users

```
C:\Users>cd student
```

```
C:\Users\student>cd desktop
```

```
C:\Users\student\Desktop>git init
```

Initialized empty Git repository in C:/Users/student/Desktop/.git/

```
C:\Users\student\Desktop>git --version  
git version 2.52.0.windows.1
```

```
C:\Users\student\Desktop>git init  
Reinitialized existing Git repository in C:/Users/student/Desktop/.git/
```

```
C:\Users\student\Desktop>mkdir OST
```

```
C:\Users\student\Desktop>cd OST
```

```
C:\Users\student\Desktop\OST>git init  
Initialized empty Git repository in C:/Users/student/Desktop/OST/.git/
```

```
C:\Users\student\Desktop\OST>echo index.html  
index.html
```

```
C:\Users\student\Desktop\OST>git add index.html
```

```
C:\Users\student\Desktop\OST>git commit
```

Aborting commit due to empty commit message.

```
C:\Users\student\Desktop\OST>git commit -m "Update in dev"
[master (root-commit) 9f384b4] Update in dev
Committer: Students <student@mefgi.com>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:
```

```
git config --global --edit
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

```
1 file changed, 11 insertions(+)
create mode 100644 index.html
```

```
C:\Users\student\Desktop\OST>git remote add origin https://github.com/Dharmik Trada/Demo
```

```
C:\Users\student\Desktop\OST>git branch -M main
```

```
C:\Users\student\Desktop\OST>git push -u origin main
```

```
info: please complete authentication in your browser...
To https://github.com/ Dharmik Trada /Demo
! [rejected]      main -> main (fetch first)
error: failed to push some refs to 'https://github.com/ Dharmik Trada
/Demo' 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.
```

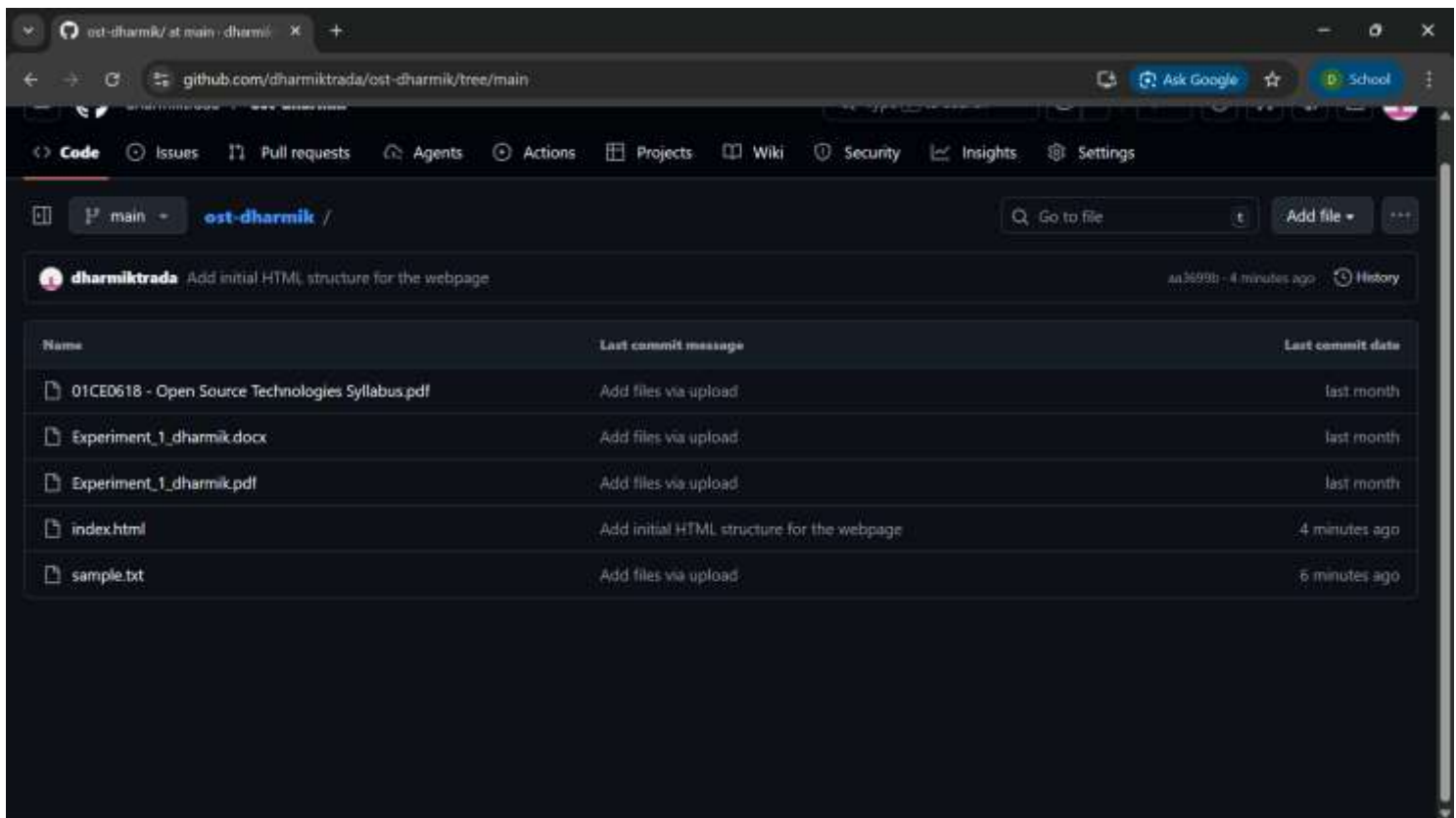
```
C:\Users\student\Desktop\OST>git pull origin main --allow-unrelated-histories
```

```
remote: Enumerating objects: 13, done.
remote: Counting objects: 100% (13/13), done.
remote: Compressing objects: 100% (9/9), done.
remote: Total 13 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (13/13), 49.00 KiB | 706.00 KiB/s, done.
From https://github.com/koradiyavasuDemo
* branch      main      -> FETCH_HEAD
* [new branch] main      -> origin/main
Merge made by the 'ort' strategy.
OST              | 1 +
OST_Experiement-1.docx | Bin 0 -> 8283 bytes
OST_Experiement-1.pdf | Bin 0 -> 137952 bytes
README.md        | 1 +
hello.py         | 1 +
5 files changed, 3 insertions(+)
create mode 100644 OST
create mode 100644 OST_Experiement-1.docx
create mode 100644 OST_Experiement-1.pdf
create mode 100644 README.md
create mode 100644 hello.py
```

```
C:\Users\student\Desktop\OST>git push -u origin main
```

```
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 6 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 673 bytes | 673.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/koradiyavasuDemo
 a2b8911..ff32206 main -> main
branch 'main' set up to track 'origin/main'.
```

```
C:\Users\student\Desktop\OST>
```



| Name   | Last commit message                        | Last commit date |
|--|--|------------------|
| 01CE0618 - Open Source Technologies Syllabus.pdf | Add files via upload                       | last month       |
| Experiment_1_dharmik.docx                        | Add files via upload                       | last month       |
| Experiment_1_dharmik.pdf                         | Add files via upload                       | last month       |
| index.html                                       | Add initial HTML structure for the webpage | 4 minutes ago    |
| sample.txt                                       | Add files via upload                       | 6 minutes ago    |

koradiyavasu / Demo

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### Branches

New branch

Overview Yours Active Stale All

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Default

| Branch | Updated       | Check status | Behind Ahead | Pull request |
|--------|---------------|--------------|--------------|--------------|
| main   | 2 minutes ago |              | Default      |              |

