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 "RAJNISH KUMAR"
git config --global user.email "rajnishkumar@gmail.com "

Step 3:

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/Rajnish131216/OST_Rajnish_Sinh

```
 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/Rajnish131216/OST_Rajnish_Sinh
 ! [rejected]        main -> main (fetch first)
error: failed to push some refs to github.com/Rajnish131216/OST_Rajnish_Sinh
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.
```

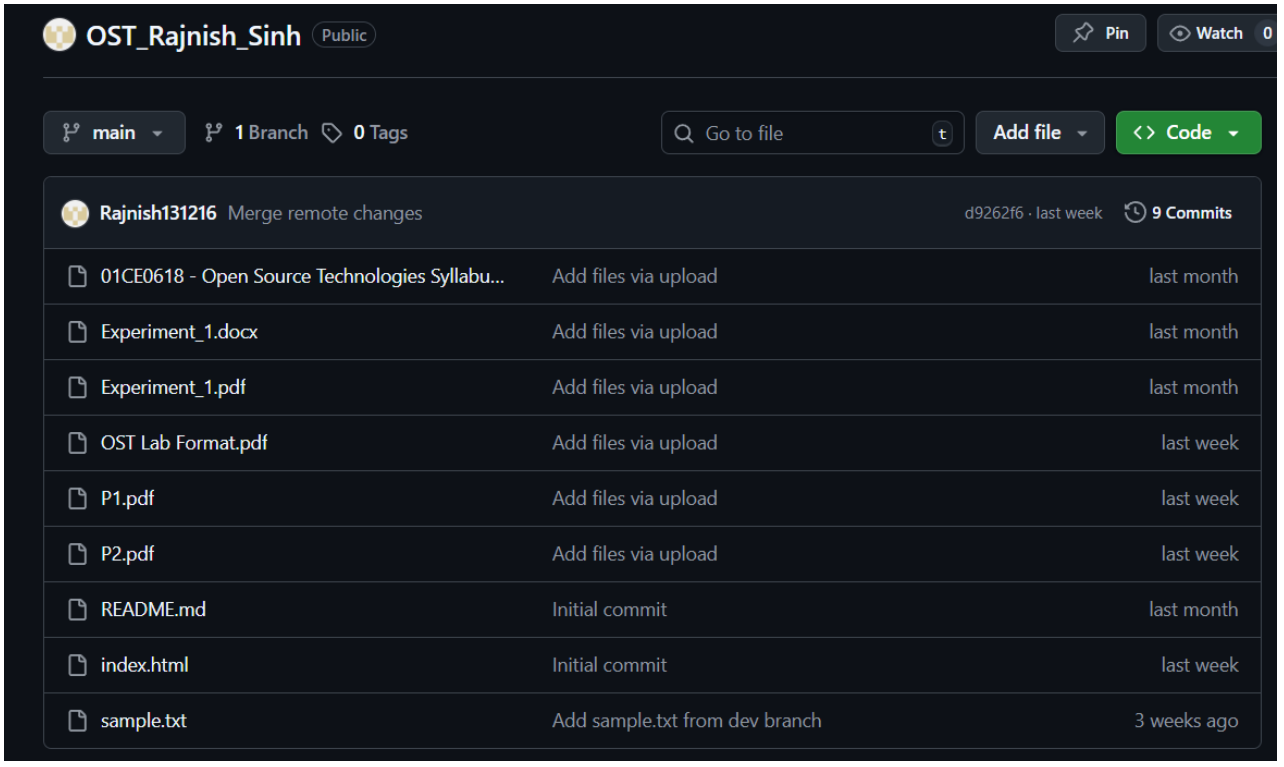
```
C:\Users\student\Desktop\OST>git pull origin main --allow-unrelated-histories

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/Rajnish131216/OST_Rajnish_Sinh
 * branch            main       -> FETCH_HEAD
 * [new branch]      main       -> origin/main
Merge made by the 'ort' strategy.
 OST                 |   1 +
 Experiement-1.docx | Bin 0 -> 8283 bytes
 Experiement-1.pdf  | Bin 0 -> 137952 bytes
 README.md           |  1 +
 Sample.txt          |   1 +
 5 files changed, 3 insertions(+)
 create mode 100644 OST
 create mode 100644 Experiement-1.docx
 create mode 100644 Experiement-1.pdf
 create mode 100644 README.md
 create mode 100644 sample.txt

 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/Rajnish131216/OST_Rajnish_Sinh
 a2b8911..ff32206  main -> main
branch 'main' set up to track 'origin/main'.

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


OST_Rajnish_Sinh
Public
Pin
Watch 0
main
1 Branch
0 Tags
Go to file
t
Add file
Code
Rajnish131216 Merge remote changes
d9262f6 · last week
9 Commits
01CE0618 - Open Source Technologies Syllabu... Add files via upload last month
Experiment_1.docx Add files via upload last month
Experiment_1.pdf Add files via upload last month
OST Lab Format.pdf Add files via upload last week
P1.pdf Add files via upload last week
P2.pdf Add files via upload last week
README.md Initial commit last month
index.html Initial commit last week
sample.txt Add sample.txt from dev branch 3 weeks ago