

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 "hemanshijalu126463-prog"  
git config --global user.email "hemansi.jalu126463@marwdiuniversity"
```

Step 3:

```
C:\Users\Admin\ost>git --version  
git version 2.43.0.windows.1
```

```
C:\Users\Admin\ost>git init  
Reinitialized existing Git repository in C:/Users/Admin/.git/  
C:\Users\Admin\ost>git add p3.html  
C:\Users\Admin\ost>git status  
On branch master  
Your branch is up to date with 'origin/master'.
```

Changes to be committed:

```
(use "git restore --staged <file>..." to unstage)  
  new file:   p3.html
```

```
C:\Users\Admin\ost>git commit -m "html files"
```

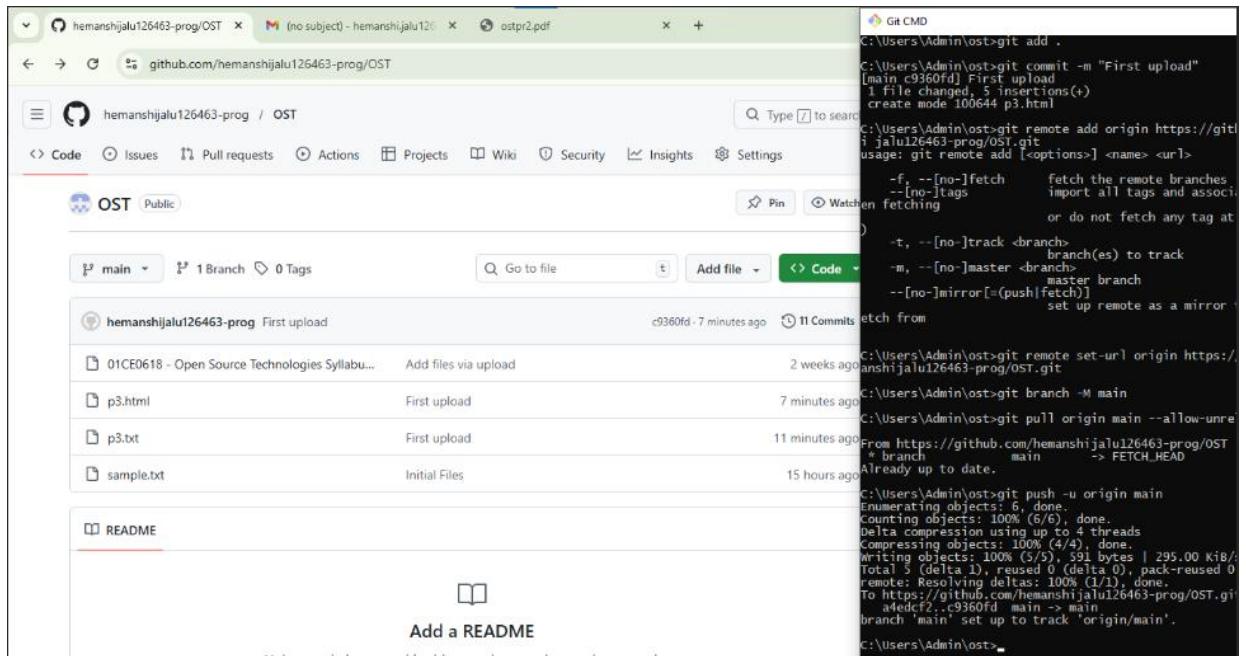
```
[master 699b5c2] html files  
 1 file changed, 4 insertions(+)  
 create mode 100644 p3.html
```

```
C:\Users\Admin\ost> git remote add origin https://github.com/hemanshijalu126463-prog/OST.git  
error: remote origin already exists.
```

```
C:\Users\Admin\ost> git push -u origin main
```

```
Enumerating objects: 4, done.  
Counting objects: 100% (4/4), done.  
Delta compression using up to 8 threads  
Compressing objects: 100% (3/3), done.  
Writing objects: 100% (3/3), 340 bytes | 340.00 KiB/s, done.  
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)  
To https://github.com/hemanshijalu126463-prog/OST  
 7c8190f..699b5c2 main -> main  
branch 'master' set up to track 'origin/main'.
```

Output:



The screenshot shows a GitHub repository named 'hemanshijalu126463-prog / OST'. The repository has 1 branch and 0 tags. The commit history shows the following commits:

- hemanshijalu126463-prog First upload (c9360fd) - 7 minutes ago
- 01CE0618 - Open Source Technologies Syllabus... (Add files via upload) - 2 weeks ago
- p3.html (First upload) - 7 minutes ago
- p3.txt (First upload) - 11 minutes ago
- sample.txt (Initial Files) - 15 hours ago

On the right side, there is a terminal window showing the Git command-line interface (CMD) output:

```

C:\Users\Admin\ost>git add .
C:\Users\Admin\ost>git commit -m "First upload"
[main c9360fd] First upload
 1 file changed, 5 insertions(+)
 create mode 100644 p3.html
C:\Users\Admin\ost>git remote add origin https://github.com/hemanshijalu126463-prog/OST.git
usage: git remote add [-o options] <name> <url>
C:\Users\Admin\ost>git remote set-url origin https://github.com/hemanshijalu126463-prog/OST.git
C:\Users\Admin\ost>git branch -M main
C:\Users\Admin\ost>git pull origin main --allow-unrelated-heads
From https://github.com/hemanshijalu126463-prog/OST.git
 * branch          main    -> FETCH_HEAD
Already up to date.

C:\Users\Admin\ost>git push -u origin main
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (6/6), done.
Total 6 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/hemanshijalu126463-prog/OST.git
 a4edcf2..c9360fd main -> main
branch 'main' set up to track 'origin/main'.
C:\Users\Admin\ost>

```