



### **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 "harshkantariya "
```

```
git config --global user.email
```

["harshkantariya99@gmail.com"](mailto:harshkantariya99@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/harshkantaria/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/harshkantaria/Demo>

```
! [rejected]      main -> main (fetch first)
```

```
error: failed to push some refs to 'https://github.com/harsh kantaria /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/harshkantaria/Demo
* 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/harshkantaria/Demo
  a2b8911..ff32206 main -> main
branch 'main' set up to track 'origin/main'.
```

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

harshkantaria126434-source / ost-harsh-kantaria

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P1_OST50pdf me.docx	Add files via upload	39 minutes ago
P1_OST50pdf me.pdf	Add files via upload	39 minutes ago
index.html	Add files via upload	36 minutes ago

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