

## 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_Experiment-1.docx | Bin 0 -> 8283 bytes  
 OST_Experiment-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_Experiment-1.docx  
 create mode 100644 OST_Experiment-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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File	Action	Last Commit
harshkantaria126434-source	Add files via upload	75eb3cf · 8 minutes ago
01CE0618OpenSourceTechnologiesSyllabuspdf...	Add files via upload	36 minutes ago
Experiment2_harsh.docx	Add files via upload	8 minutes ago
Experiment2_harshpdf.pdf	Add files via upload	8 minutes ago
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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Activity

0 stars

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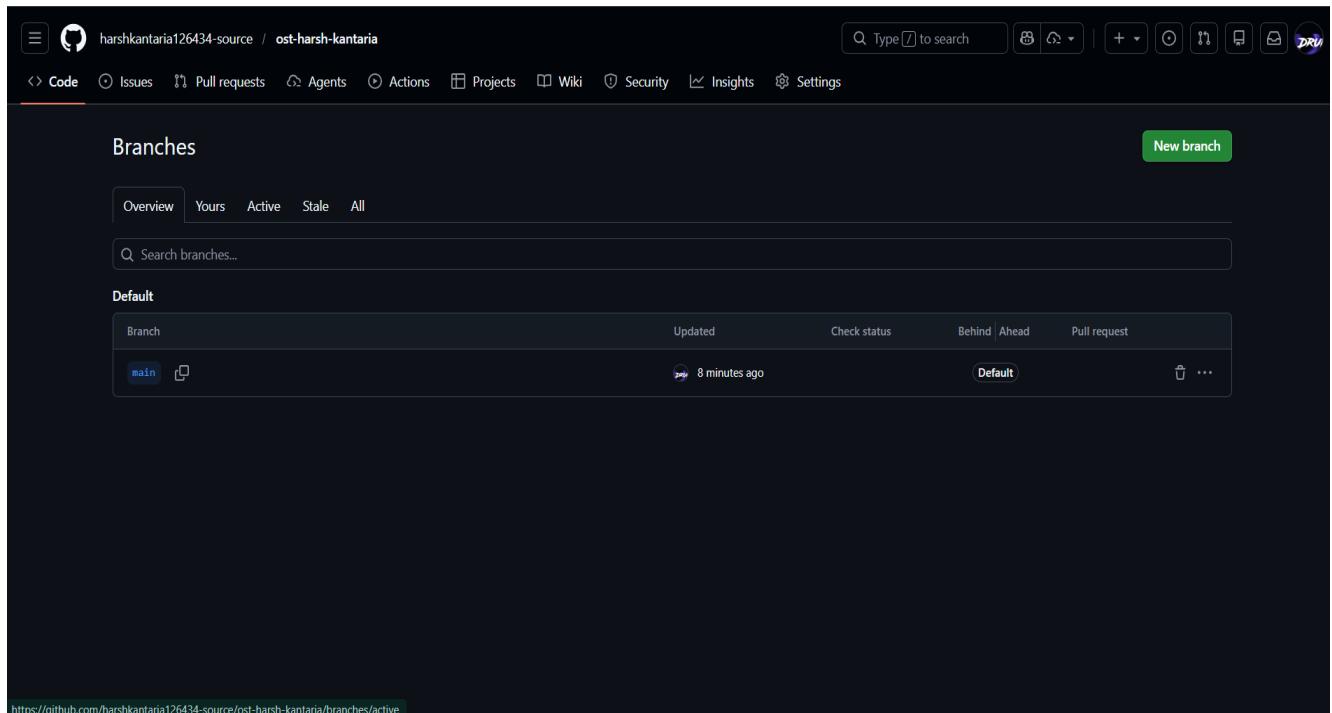
Languages

HTML 100.0%

[README](#)

Add a README

Help people interested in this repository understand your project.



The screenshot shows the GitHub interface for the repository 'ost-harsh-kantaria'. The top navigation bar includes links for Code, Issues, Pull requests, Agents, Actions, Projects, Wiki, Security, Insights, and Settings. The 'Code' tab is selected. The main content area is titled 'Branches' with a 'New branch' button. Below this is a navigation bar with tabs: Overview (selected), Yours, Active, Stale, and All. A search bar follows. The main list is titled 'Default' and contains one item: 'main' (marked as the default branch). The table row for 'main' includes columns for Branch, Updated (8 minutes ago), Check status (green), Behind/Ahead (Default), and Pull request (button).

Branch	Updated	Check status	Behind/Ahead	Pull request
main	8 minutes ago	Green	Default	...

<https://github.com/harshkantaria126434-source/ost-harsh-kantaria/branches/active>