

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 "koradiyavasu"
```

```
git config --global user.email "vasukoradiyar@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/koradiyavasu/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/koradiyavasu/Demo
 ! [rejected]      main -> main (fetch first)
error: failed to push some refs to 'https://github.com/koradiyavasu/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/koradiyavasu/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/koradiyavasu/Demo  
 a2b8911..ff32206 main -> main  
branch 'main' set up to track 'origin/main'.
```

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

```
Command Prompt
Microsoft Windows [Version 10.0.19045.6456]
(c) Microsoft Corporation. All rights reserved.

Z:\>cd C\
The system cannot find the path specified.

Z:\>C:
C:\>cd user
The system cannot find the path specified.

C:\>cd 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 add .
warning: in the working copy of 'QWERTY/QWERTY/PRACT/PRACT.cbp', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'QWERTY/QWERTY/PRACT.layout', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'QWERTY/QWERTY/QWERTY.cbp', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'QWERTY/QWERTY/QWERTY.layout', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'QWERTY/QWERTY/QWERTY.cbp', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'QWERTY/QWERTY/QWERTY.layout', LF will be replaced by CRLF the next time Git touches it
error: open("cs6/impove.bat"): Function not implemented
error: unable to index file 'cs6/impove.bat'
fatal: adding files failed

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.
```

Activate Windows
Go to Settings to activate Windows.

```
Command Prompt
C:\Users\student\Desktop\OST>git commit -m "Update in dev"
[master (root-commit) 9f384b4] Update in dev
Committer: Students <student@mefgl.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/koradiyavasu/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/koradiyavasu/Demo
! [rejected]          main -> main (fetch first)
error: failed to push some refs to 'https://github.com/koradiyavasu/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 | 786.00 KiB/s, done.
From https://github.com/koradiyavasu/Demo
 * branch            main      -> FETCH HEAD
 * [new branch]      main      -> origin/main
Merge made by the 'ort' strategy.
OST           1 +
OST_Experiment-1.docx  Bin → -> 8283 bytes
OST_Experiment-1.pdf   Bin → -> 137952 bytes
README.md       1 +
hello.py        1 +
5 files changed, 3 insertions(+)
create mode 100644 OST
create mode 100644 OST_Experiment-1.docx
```

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Command Prompt

```
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/koradiyavasu/Demo
  a2bb911..ff32206 main -> main
branch 'main' set up to track 'origin/main'.

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

Activate Windows
Go to Settings to activate Windows.

koradiyavasu / Demo

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

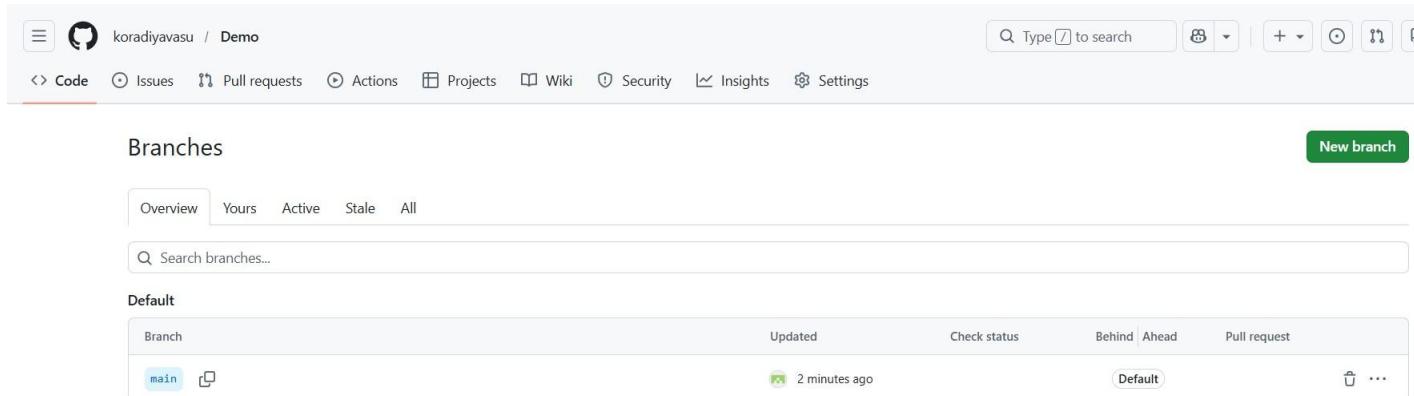
Demo Public Pin Watch 0

main 1 Branch 0 Tags Go to file Add file Code

koradiyavasu	Add files via upload	b7a0d1d · now	7 Commits
OST	Create OST	last month	
OST Practical 2 Vasu.docx	Add files via upload	now	
OST Practical 2 Vasu.pdf	Add files via upload	now	
OST_Experiment-1.docx	Add files via upload	last month	
OST_Experiment-1.pdf	Add files via upload	last month	
README.md	Create README.md	last week	
hello.py	Create hello.py	last week	
index.html	Update in dev	last week	

README

OST Vasu Koradiya (92410103003)



The screenshot shows the GitHub interface for the 'Demo' repository. At the top, there's a navigation bar with links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. A search bar is also present. Below the navigation, a 'Branches' section is shown with tabs for Overview, Yours, Active, Stale, and All. A search bar for branches is provided. The main area displays a table for the 'Default' branch:

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