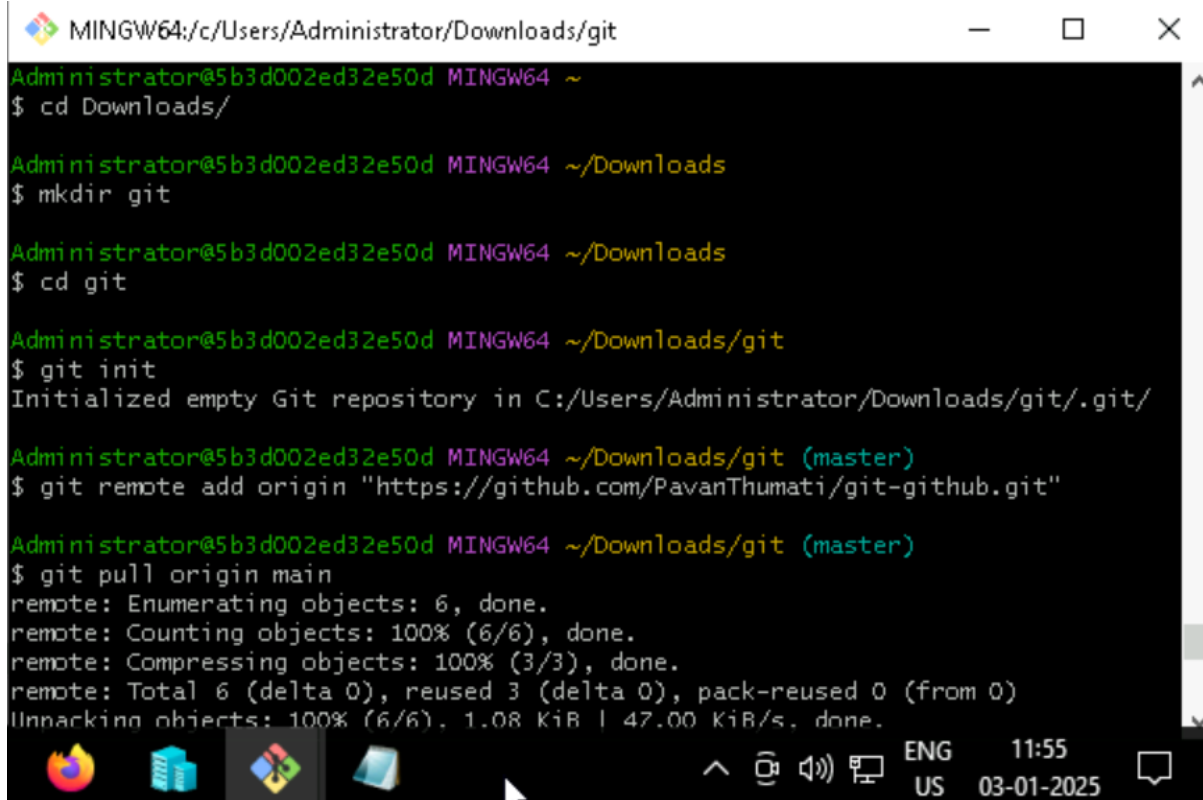


LAB-1



```
MINGW64:/c:/Users/Administrator/Downloads/git
Administrator@5b3d002ed32e50d MINGW64 ~
$ cd Downloads/

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads
$ mkdir git

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads
$ cd git

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git
$ git init
Initialized empty Git repository in C:/Users/Administrator/Downloads/git/.git/

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (master)
$ git remote add origin "https://github.com/PavanThumati/git-github.git"

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (master)
$ git pull origin main
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 6 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (6/6), 1.08 KiB | 47.00 KiB/s, done.
```

The screenshot shows a Windows taskbar at the bottom with icons for Firefox, File Explorer, and the command prompt. The system tray on the right indicates the language is English (US), the time is 11:55, and the date is 03-01-2025.

```
MINGW64:/c/Users/Administrator/Downloads/git

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (master)
$ git pull origin main
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 6 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (6/6), 1.08 KiB | 47.00 KiB/s, done.
From https://github.com/PavanThumati/git-github
* branch          main      -> FETCH_HEAD
* [new branch]     main      -> origin/main

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (master)
$ ls
README.md  sample1.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (master)
$ touch file1.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (master)
$ git add file1.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (master)
```

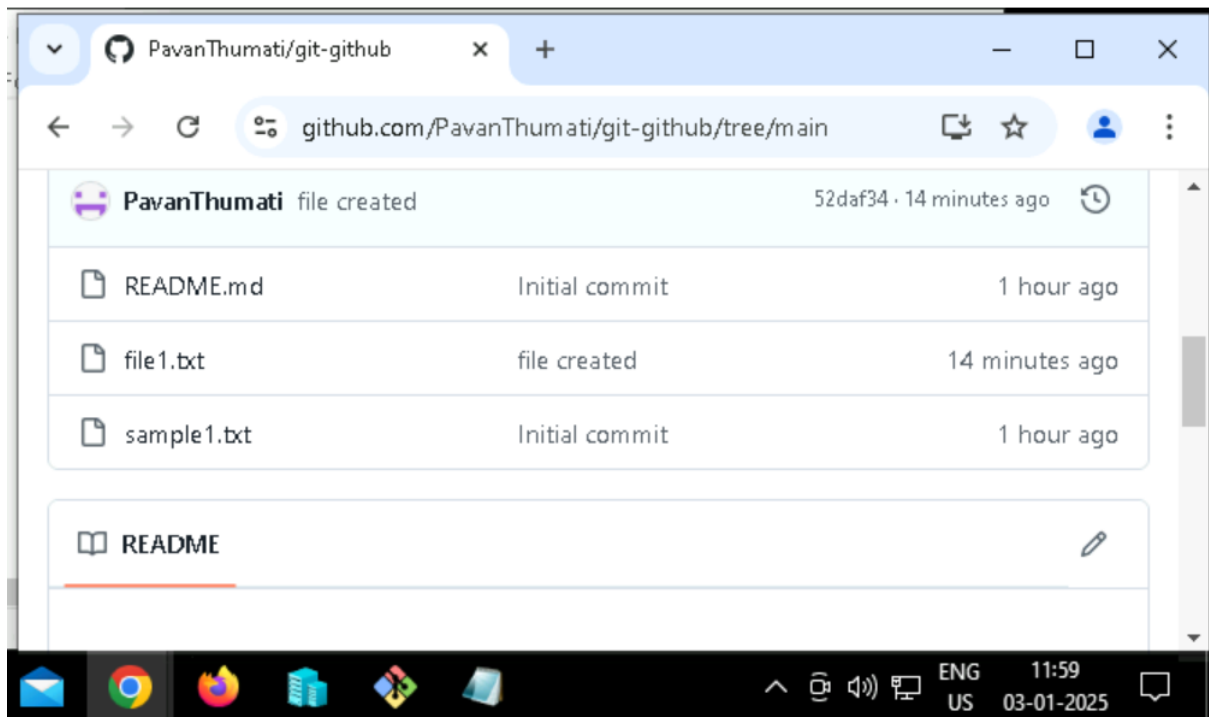
```
MINGW64:/c/Users/Administrator/Downloads/git

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (master)
$ git commit -m "file created"
[master 52daf34] file created
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 file1.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (master)
$ git branch -m master main

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ git push origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 279 bytes | 279.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/PavanThumati/git-github.git
461030a..52daf34  main -> main

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ notepad file2.txt
```



```
MINGW64:/c:/Users/Administrator/Downloads/git
Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ notepad file2.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ git add file2.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   file2.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ git restore --staged file2.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ git status
On branch main
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    file2.txt

nothing added to commit but untracked files present (use "git add" to track)

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ nano file2.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ cat file2.txt
Hi this is file2 text file

Git & GITHUB

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ git log
commit 52daf34d4e367f0ca1f1a4f5a5d34865b4fed323 (HEAD -> main, origin/main)
Author: PavanThumati <pavanthumati999@gmail.com>
Date:   Fri Jan 3 11:44:50 2025 +0530

    file created

commit 461030af16b09e491b9ddde7f93d94448e5f67cd
Author: PavanThumati <pavanthumati999@gmail.com>
Date:   Fri Jan 3 10:44:02 2025 +0530

    Initial commit
```

Activate Windows
Go to Settings to activate Windows.

```
Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ git log
commit 52daf34d4e367f0ca1f1a4f5a5d34865b4fed323 (HEAD -> main, origin/main)
Author: PavanThumati <pavanthumati999@gmail.com>
Date: Fri Jan 3 11:44:50 2025 +0530
```

file created

```
commit 461030caf16b09e491b9ddde7f93d94448e5f67cd
Author: PavanThumati <pavanthumati999@gmail.com>
Date: Fri Jan 3 10:44:02 2025 +0530
```

Initial commit

```
commit e4a9c54d60c89b81ded570ce39302e354745d5c2
Author: PavanThumati <pavanthumati999@gmail.com>
Date: Fri Jan 3 10:11:10 2025 +0530
```

Initial commit

```
Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ git branch subBranch
```

```
Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ git branch -a
* main
  subBranch
remotes/origin/main
```

```
Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ git checkout subBranch
error: pathspec 'subBranch' did not match any file(s) known to git
```

```
Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ git checkout subBranch
Switched to branch 'subBranch'
```

```
Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ git status
On branch subBranch
Untracked files:
  (use "git add <file>..." to include in what will be committed)
  file2.txt
```

nothing added to commit but untracked files present (use "git add" to track)

```
Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ git branch -a
main
* subBranch
```

Activate Windows
Go to Settings to activate Windows.



ENG
US

13:05

03-01-2025



MINGW64: c:/Users/Administrator/Downloads/git

```
Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ git branch -a
  main
* subBranch
  remotes/origin/main

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ git checkout master
error: pathspec 'master' did not match any file(s) known to git

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ git checkout main
Switched to branch 'main'

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ git merge subBranch
Already up to date.

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (main)
$ git checkout subBranch
Switched to branch 'subBranch'

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ touch a.txt b.txt c.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ l
bash: l: command not found

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ ls
README.md a.txt b.txt c.txt file1.txt file2.txt sample1.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ git add -A
warning: in the working copy of 'file2.txt', LF will be replaced by CRLF the next time Git touches it

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ git status
On branch subBranch
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   a.txt
        new file:   b.txt
        new file:   c.txt
        new file:   file2.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ cat file2.txt
Hi this is file2 text file
```

Activate Windows
Go to Settings to activate Windows.



ENG 13:06
US 03-01-2025

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)

\$ cat file2.txt

Hi this is file2 text file

Git & GITHUB

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)

\$ nano file2.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)

\$ cat file2.txt

Hi this is file2 text file

Git & GITHUB

adding content when the file2.txt is in staging state or after running git add file2.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)

\$ git status

On branch subBranch

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: a.txt

new file: b.txt

new file: c.txt

new file: file2.txt

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: file2.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)

\$ git add file2.txt

warning: in the working copy of 'file2.txt', LF will be replaced by CRLF the next time Git touches it

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)

\$ git status

On branch subBranch

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: a.txt

Activate Windows
Go to Settings to activate Windows.



ENG
US

13:06

03-01-2025

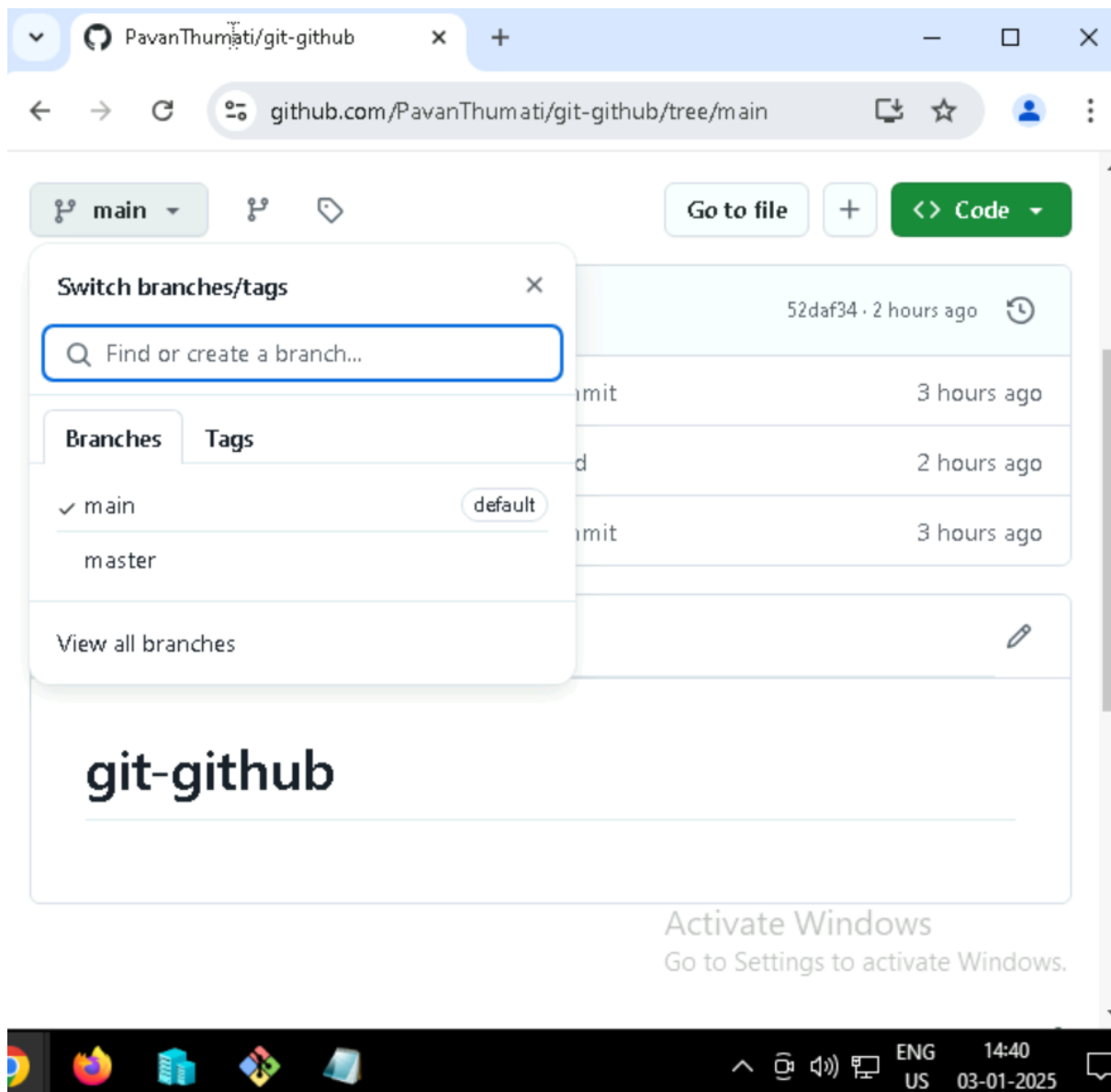
```
MINGW64:/c:/Users/Administrator/Downloads/git
$ git add file2.txt
warning: in the working copy of 'file2.txt', LF will be replaced by CRLF the next time Git touches it

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ git status
On branch subBranch
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   a.txt
    new file:   b.txt
    new file:   c.txt
    new file:   file2.txt

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ |
```

Activate Windows
Go to Settings to activate Windows.

Taskbar: Firefox, File Explorer, Git Bash, Desktop icon. System tray: Network, Volume, Display, Language (ENG US), Date/Time (14:37 03-01-2025), Notification icon.



```
MINGW64:/c/Users/Administrator/Downloads/git
Administrator@ESB3D002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ git log
commit 2fe421dcf9c1a98319dbc4ed1975b7aa87d9f77d (HEAD -> subBranch)
Author: PavanThumati <pavanthumati999@gmail.com>
Date: Fri Jan 3 14:44:19 2025 +0530

    In Sub Branch

commit 52daf34d4e367f0ca1f1a4f5a5d34865b4fed323 (origin/main, main)
Author: PavanThumati <pavanthumati999@gmail.com>
Date: Fri Jan 3 11:44:50 2025 +0530

    file created

commit 461030af16b09e491b9ddde7f93d94448e5f67cd
Author: PavanThumati <pavanthumati999@gmail.com>
Date: Fri Jan 3 10:44:02 2025 +0530

    Initial commit

commit e4a9c54d60c89b81ded570ce39302e354745d5c2
Author: PavanThumati <pavanthumati999@gmail.com>
Date: Fri Jan 3 10:11:10 2025 +0530

    Initial commit
Administrator@ESB3D002ed32e50d MINGW64 ~/Downloads/git (subBranch)
```

Activate Windows
Go to Settings to activate Windows.

Taskbar: File Explorer, Git Bash, File Explorer, System tray: Network, Volume, Display, Language (ENG US), Date/Time (14:51 03-01-2025), Notifications.

```
MINGW64:/c:/Users/Administrator/Downloads/git
Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ git push origin subBranch
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 429 bytes | 429.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'subBranch' on GitHub by visiting:
remote:   https://github.com/PavanThumati/git-github/pull/new/subBranch
remote:
To https://github.com/PavanThumati/git-github.git
 * [new branch]      subBranch -> subBranch

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ git log
commit 2fe421dcf9c1a98319dbc4ed1975b7aa87d9f77d (HEAD -> subBranch, origin/subBranch)
Author: PavanThumati <pavanthumati999@gmail.com>
Date:   Fri Jan 3 14:44:19 2025 +0530

    In Sub Branch

commit 52daf34d4e367f0ca1f1a4f5a5d34865b4fed323 (origin/main, main)
Author: PavanThumati <pavanthumati999@gmail.com>
Date:   Fri Jan 3 11:44:50 2025 +0530

    file created

commit 461030af16b09e491b9ddde7f93d94448e5f67cd
Author: PavanThumati <pavanthumati999@gmail.com>
Date:   Fri Jan 3 10:44:02 2025 +0530

    Initial commit

commit e4a9c54d60c89b81ded570ce39302e354745d5c2
Author: PavanThumati <pavanthumati999@gmail.com>
Date:   Fri Jan 3 10:11:10 2025 +0530

    Initial commit

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$

Administrator@5b3d002ed32e50d MINGW64 ~/Downloads/git (subBranch)
$ |
```

Activate Windows
Go to Settings to activate Windows.

Taskbar: File Explorer, Git Bash, File Explorer, System tray (Network, Volume, Display, Date/Time: 14:52 03-01-2025, Language: ENG US)

PavanThumati/git-github at sub

github.com/PavanThumati/git-github/tree/subBr...

PavanThumati

In Sub Branch

2fe421d · 15 minutes ago

README.md	Initial commit	4 hours ago
a.txt	In Sub Branch	15 minutes ago
b.txt	In Sub Branch	15 minutes ago
c.txt	In Sub Branch	15 minutes ago
file1.txt	file created	3 hours ago
file2.txt	In Sub Branch	15 minutes ago
sample1.txt	Initial commit	4 hours ago

README

1 watching

0 forks

Releases

No releases published

[Create a new release](#)

Packages

No packages published

[Publish your first package](#)

Activate Windows

Go to Settings to activate Windows.

ENG US

15:00

03-01-2025