GIT & GitHub

17/05/2025

Git hub commands:

Git status
Git init
Git add “filename”
Git commit -m “type msg”
Git clone url
Git remote add origin url
Git push origin main
Git config –global user.email “email id”
Git config –global user.name “name here”
Git status
Git log

You can follow this mostly this will work

Git steps for VMs

1. Navigate to d drive
2. Create folder “ATLAS” or any thing
3. Copy address/location of the folder
4. Create a file “test.txt”
5. Navigate to git bash terminal
6. Type cd d://ATLAS
7. git init
8. git config —global user.email “<your email>”
9. git config —global user.name “<your name>”
10. git add . && git commit -m “your message”
11. git pull <url of your repo>
12. git add origin “url of your repo”
13. git push
14. login popup will come, authenticate
15. done

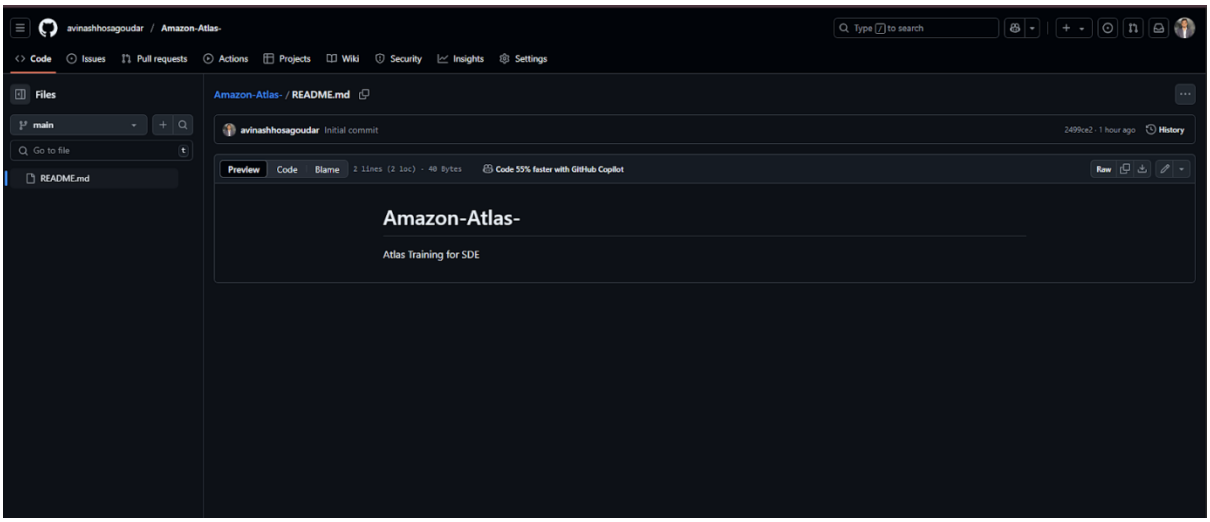
**12 git remote add "url of repo"

Git Tutorial:

https://docs.google.com/document/d/1SXfPIwDttDk-XP5_mX7YizIuJGQ2vKMX/edit?usp=sharing&ouid=103020917863623365252&rtpof=true&sd=true

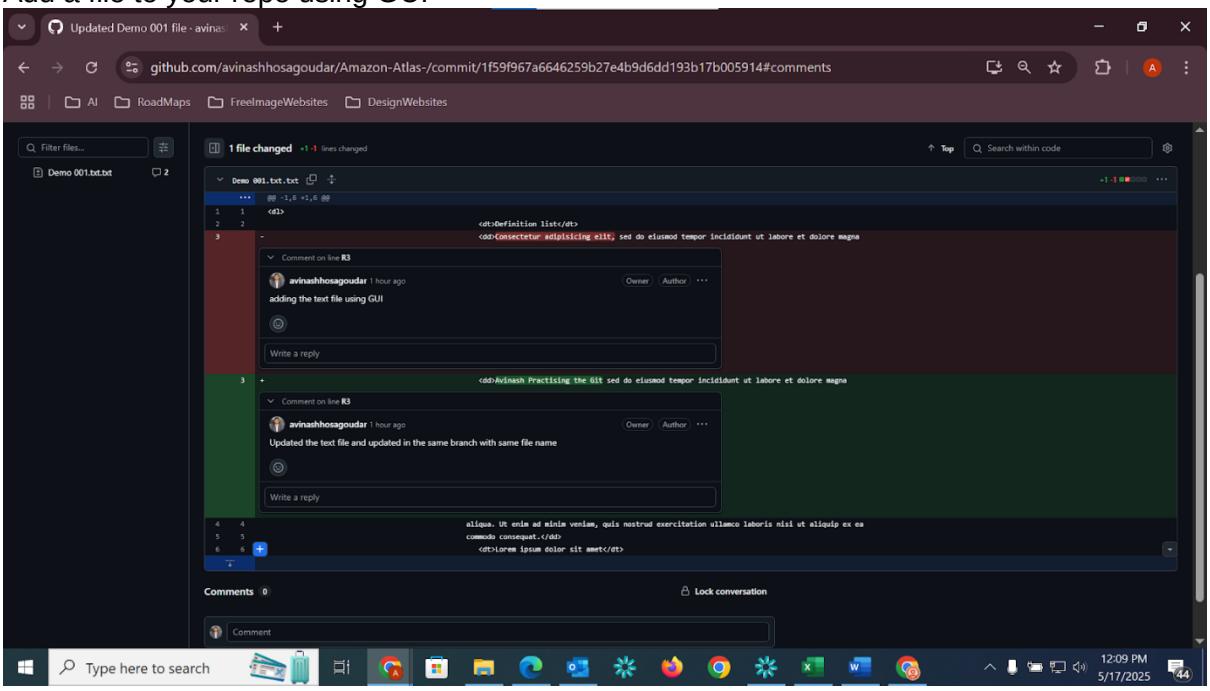
Task 1:

Create a repository in git hub



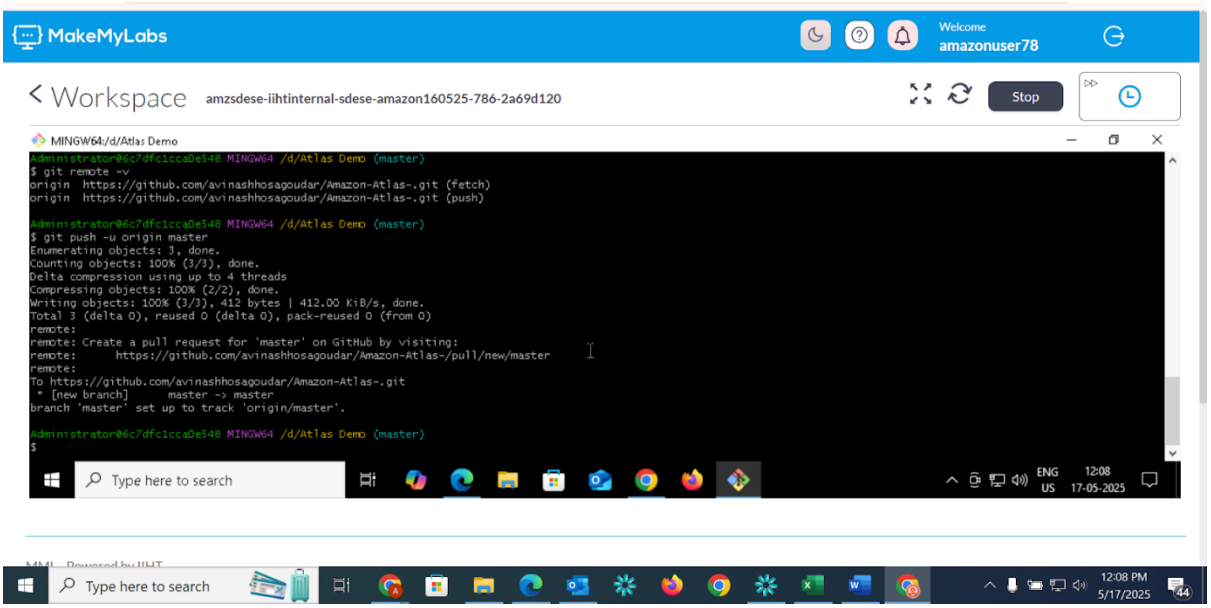
Task 2:

Add a file to your repo using GUI

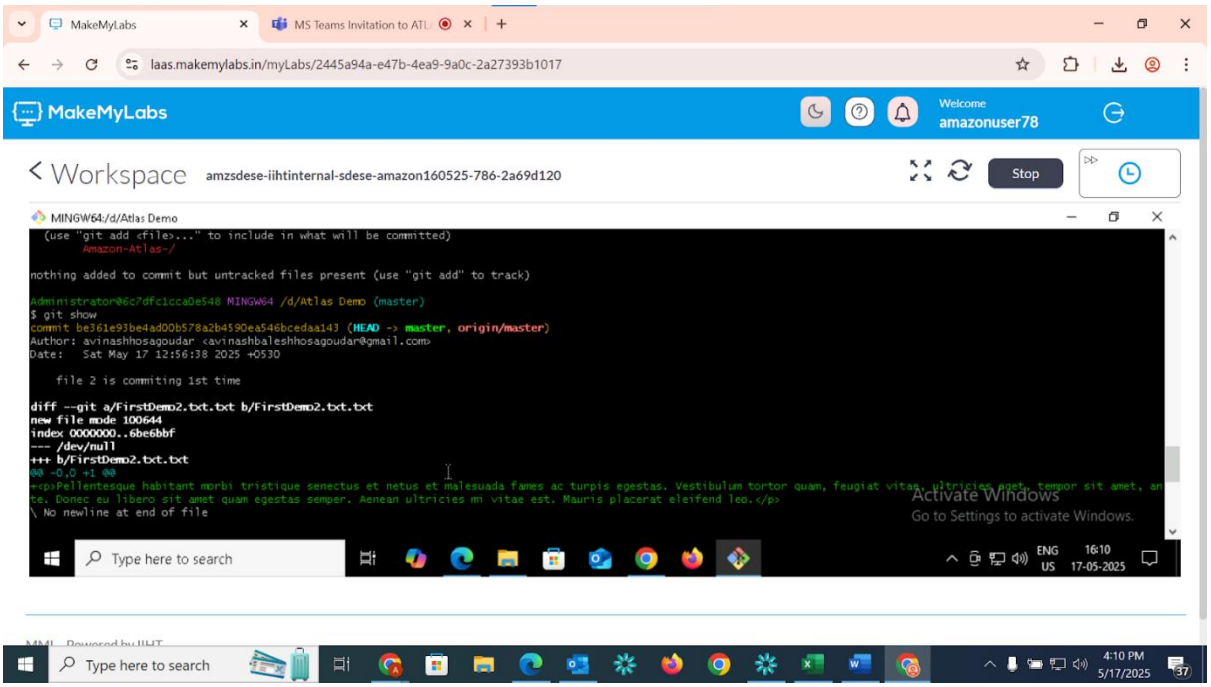


Task 3:

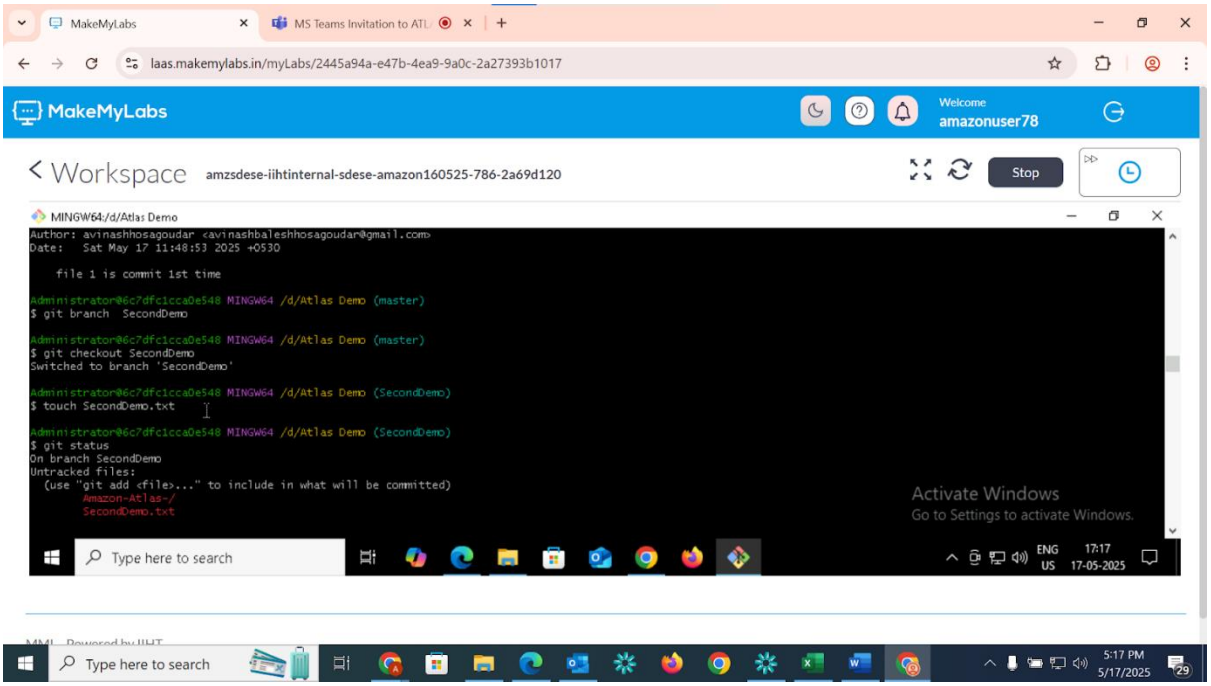
Create a folder in your vm and create a test file 1 and 2 and try to push file1 to the repo (use git commands)



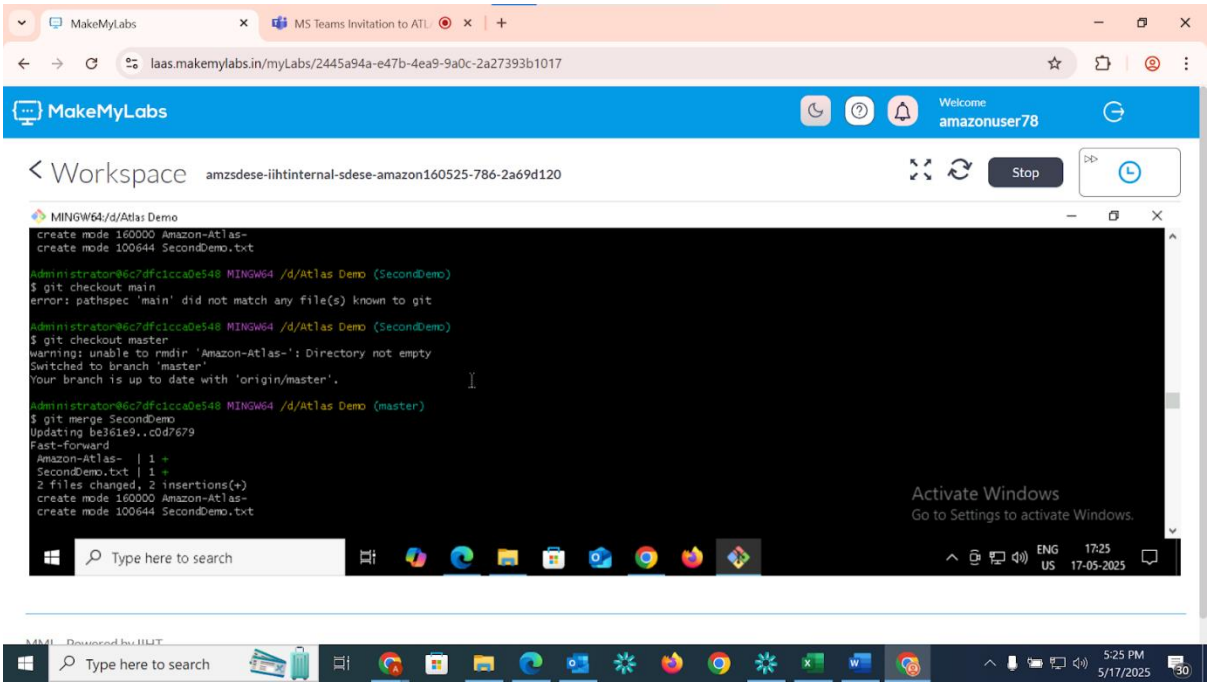
1.**Git show command:**



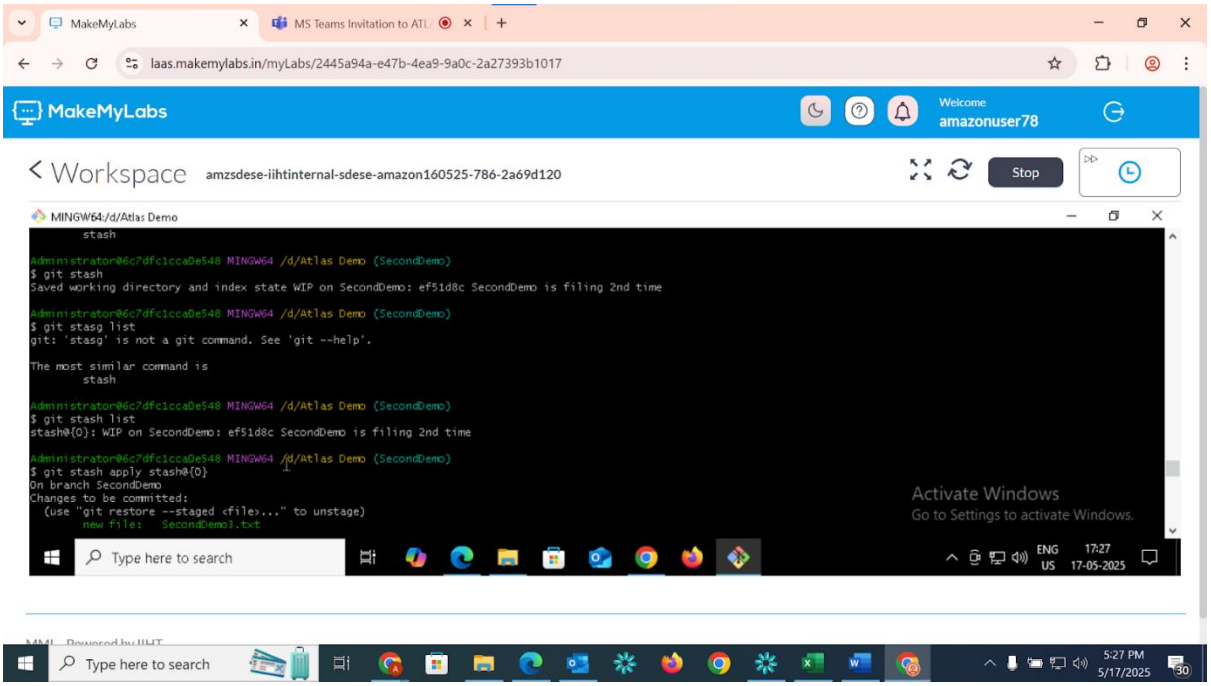
2.Branching:



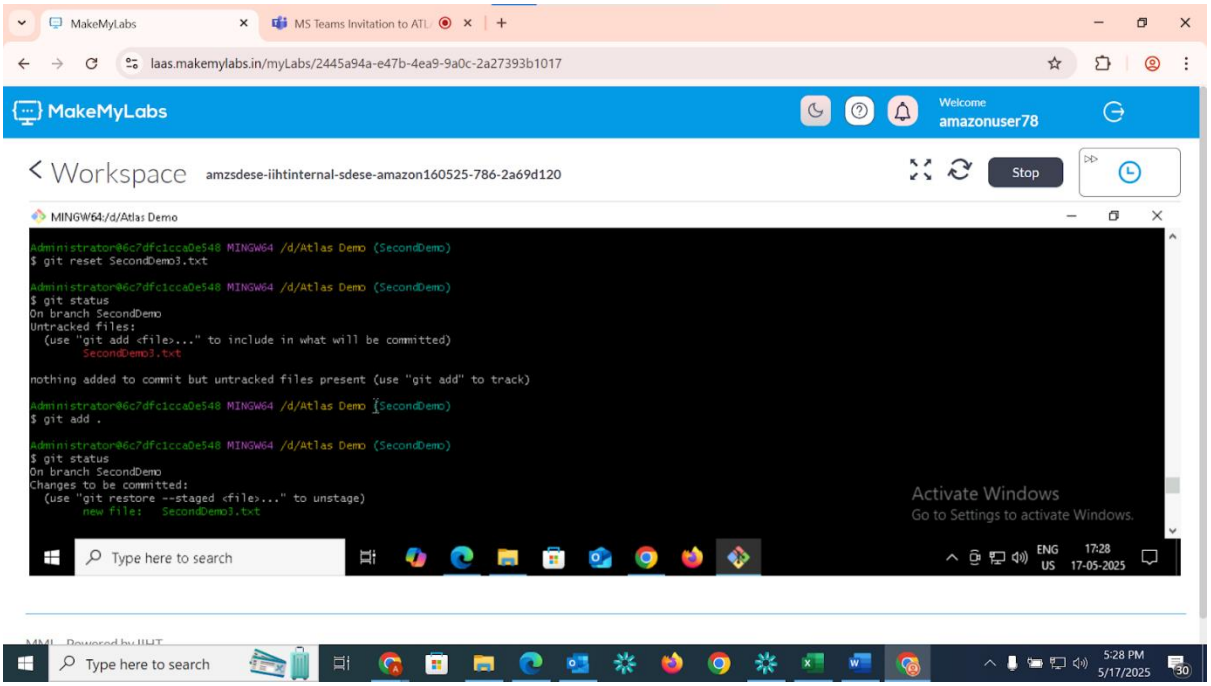
3.git merge:



4.git stash :

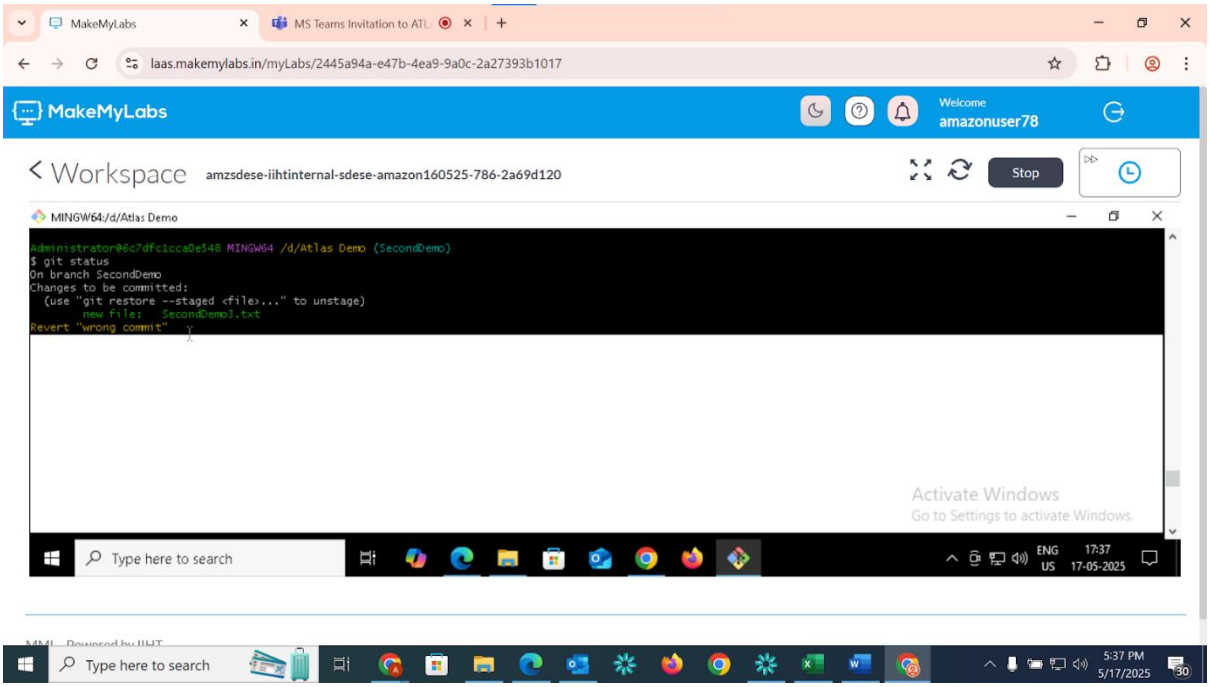


5.git reset :



6.git revert:

```
Date:   Sat May 17 16:28:28 2025 +0530

    adding Second Demo 1st Time

commit be361e93be4ad00b578a2b4590ea546bcedaa143 (origin/master)
Author: avinashhosagoudar <avinashbaleshhosagoudar@gmail.com>
Date:   Sat May 17 12:56:38 2025 +0530

    file 2 is commiting 1st time

commit 7769845aacd75b76d9f2a52b132232f351b14a27
Author: avinashhosagoudar <avinashbaleshhosagoudar@gmail.com>
Date:   Sat May 17 11:48:53 2025 +0530

    file 1 is commit 1st time

Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git revertAC

Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git revert 67d8b5682d31097db48b453d0129909322a8d016
On branch SecondDemo
```



7.Tag:

```
Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git tag  -a Demo1-tag -m "Hii"

Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git tag
Demo-tag
Demo1-tag

Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git show Demo1-tag
tag Demo1-tag
Tagger: avinashhosagoudar <avinashbaleshhosagoudar@gmail.com>
Date:   Sat May 17 17:47:28 2025 +0530

Hii
```

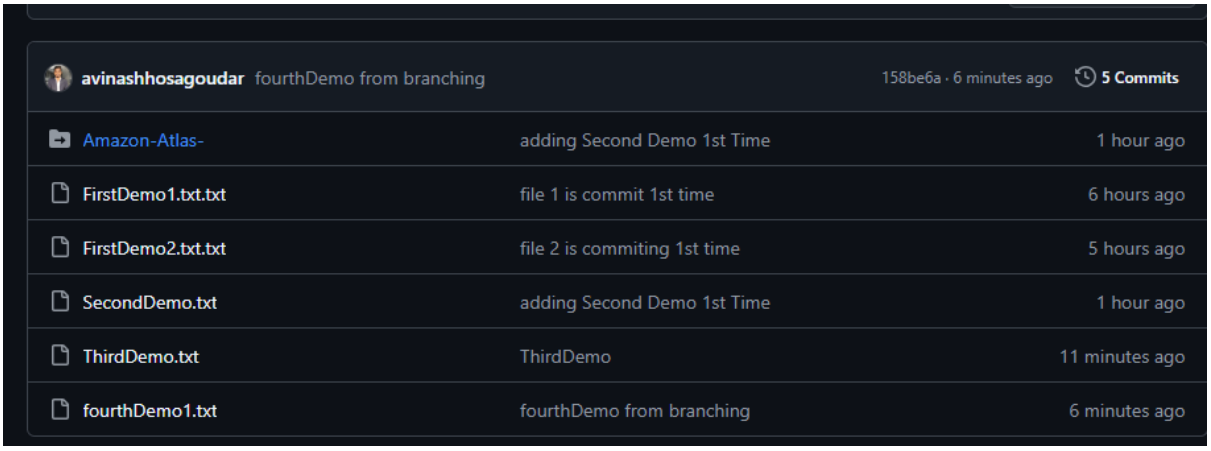
```
Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git tag  -d Demo1-tag
Deleted tag 'Demo1-tag' (was 66ec26f)
```

#after committing the branches to push in repo
git commit --amend -m "message"
git push --force branch_name

8.Merge and pushing into Repo:

```
Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (fourthDemo)
$ git switch fourthDemo
Already on 'fourthDemo'

Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (fourthDemo)
$ ls
Amazon-Atlas-/  FirstDemo1.txt.txt  FirstDemo2.txt.txt  SecondDemo.txt  ThirdDemo.txt  fourthDemo1.txt

Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (fourthDemo)
$ git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
```

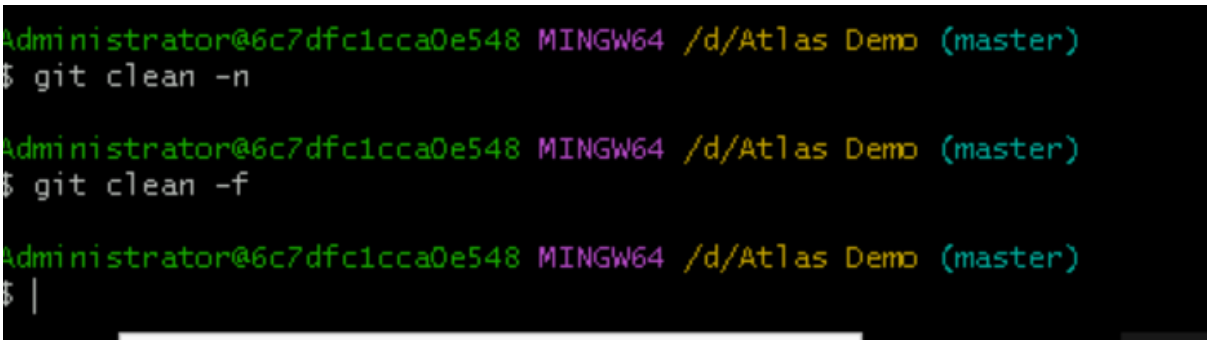
```
$ ls
Amazon-Atlas-/  FirstDemo1.txt.txt  FirstDemo2.txt.txt  SecondDemo.txt  ThirdDemo.txt

Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (master)
$ git merge fourthDemo
Updating b6ade0e..158be6a
Fast-forward
 fourthDemo1.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 fourthDemo1.txt

Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (master)
$ git push origin master
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/avinashhosagoudar/Amazon-Atlas-.git
   b6ade0e..158be6a  master -> master

Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (master)
$ ls
Amazon-Atlas-/  FirstDemo1.txt.txt  FirstDemo2.txt.txt  SecondDemo.txt  ThirdDemo.txt  fourthDemo1.txt
```



9.Removing Untracked File :

git clean -n #(ask for delete yes or no)
git clean -f #(forcefully)

Tried to remove Untracked file but it' all clean



Thank You