

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

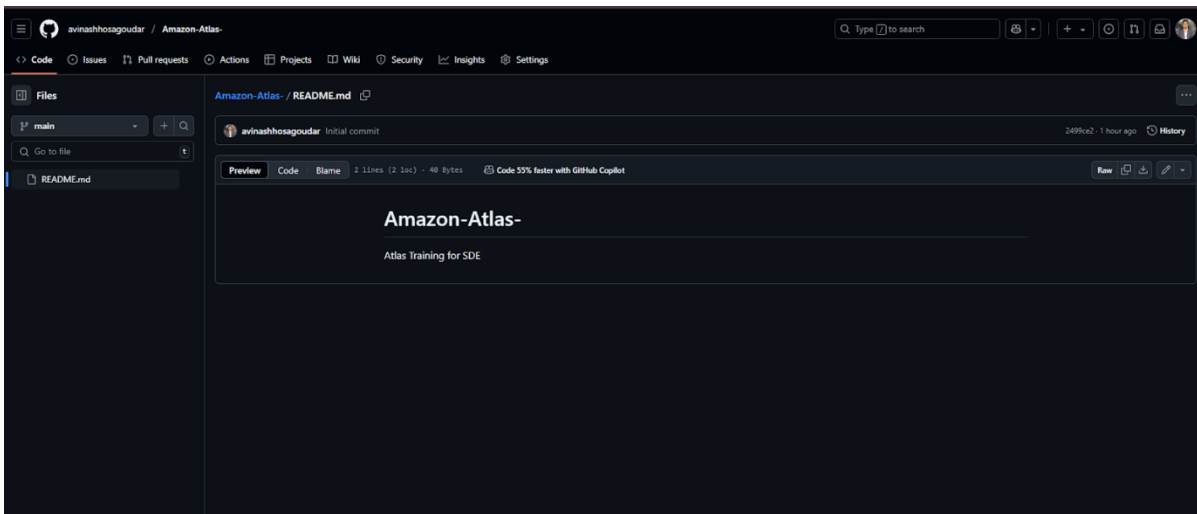
****12 git remote add "url of repo"**

Git Tutorial:

https://docs.google.com/document/d/1SXfPlwDttDk-XP5_mX7YizluJGQ2vKMX/edit?usp=sharing&ouid=103020917863623365252&rtpof=true&sd=true

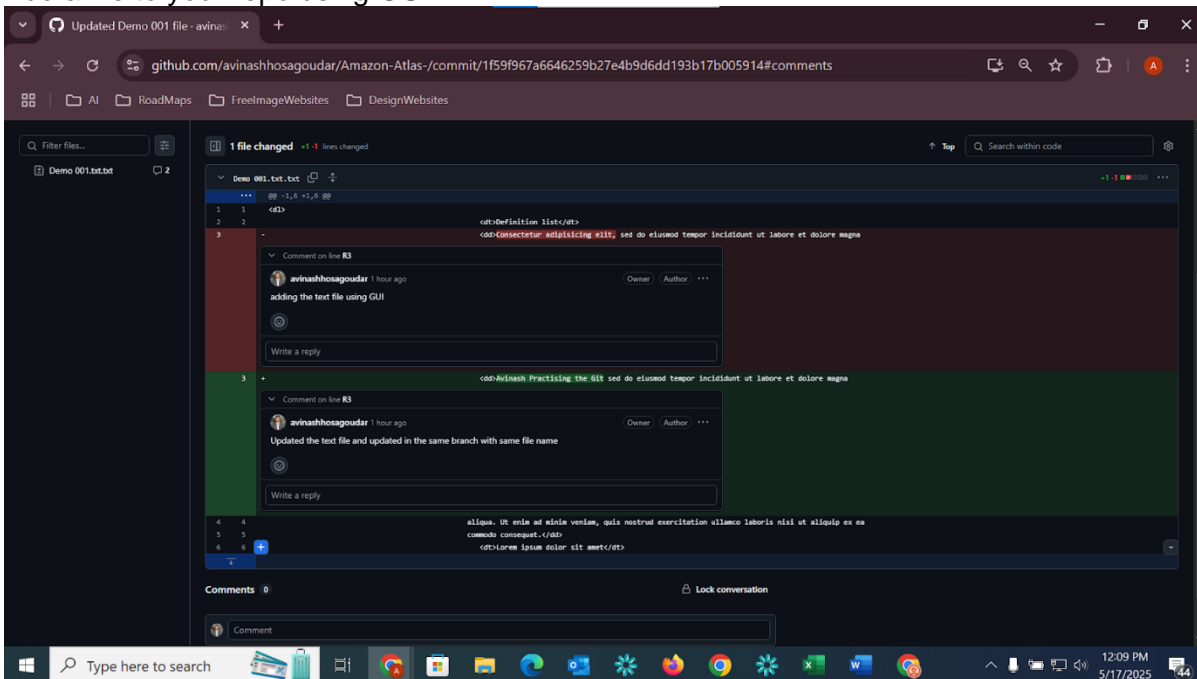
Task 1:

Create a repository in git hub



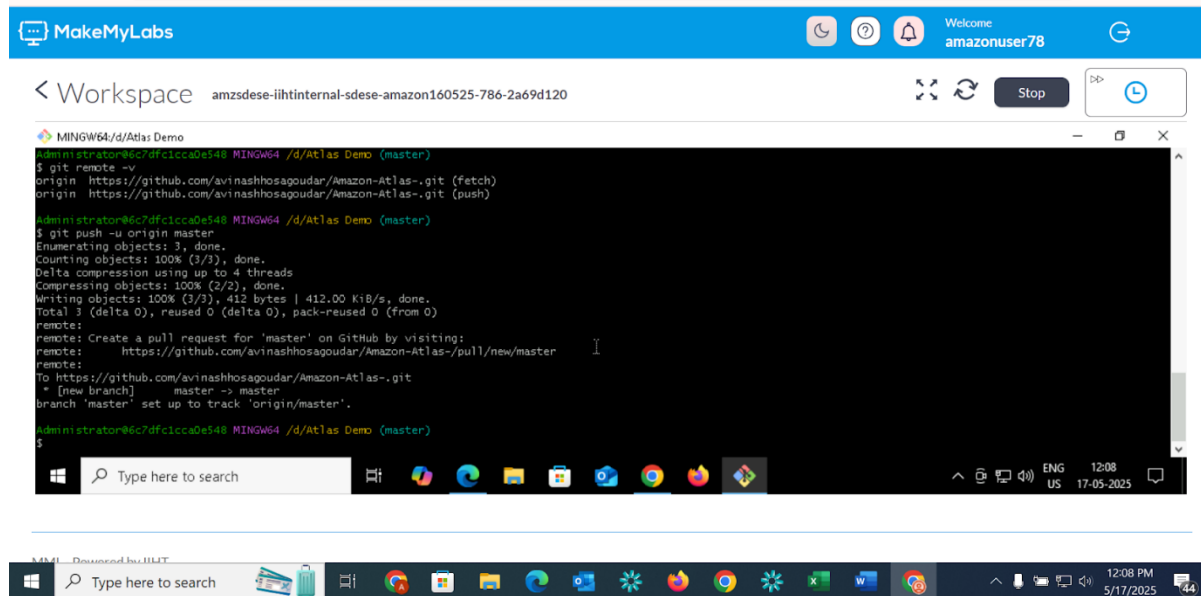
Task 2:

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)



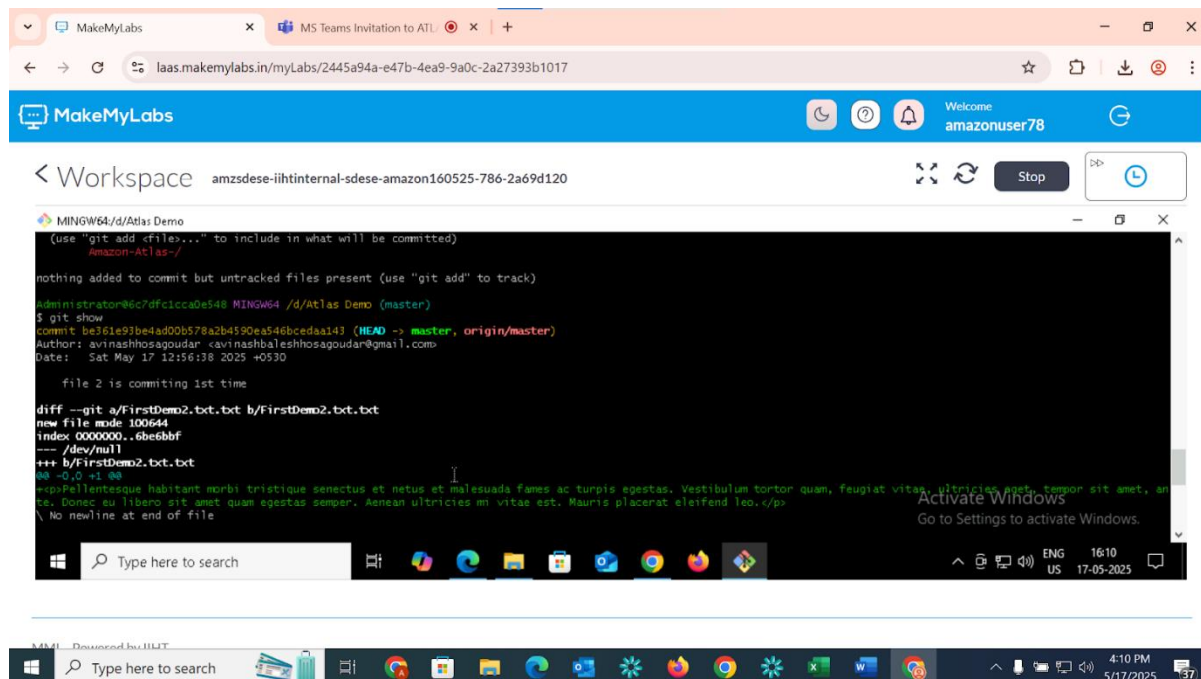
The screenshot shows a MakeMyLabs workspace interface. At the top, there's a blue header with the MakeMyLabs logo, a search bar, and a 'Welcome amazonuser78' message. Below the header, the workspace name 'amzsdese-iihtinternal-sdese-amazon160525-786-2a69d120' is displayed. The main area contains a terminal window titled 'MINGW64/d/Atlas Demo'. The terminal shows the following commands and output:

```
administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (master)
$ git remote -v
origin https://github.com/avinashhosagoudar/Amazon-Atlas-.git (fetch)
origin https://github.com/avinashhosagoudar/Amazon-Atlas-.git (push)

administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (master)
$ git push -u origin master
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% (3/3), 412 bytes | 412.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Create a pull request for 'master' on GitHub by visiting:
remote: https://github.com/avinashhosagoudar/Amazon-Atlas-/pull/new/master
To https://github.com/avinashhosagoudar/Amazon-Atlas-.git
 * [new branch] master -> master
branch 'master' set up to track 'origin/master'.

administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (master)
$
```

1. Git show command:



The screenshot shows the same MakeMyLabs workspace interface. The terminal window now displays the output of the 'git show' command:

```
(use "git add <file>..." to include in what will be committed)
Amazon-Atlas-/

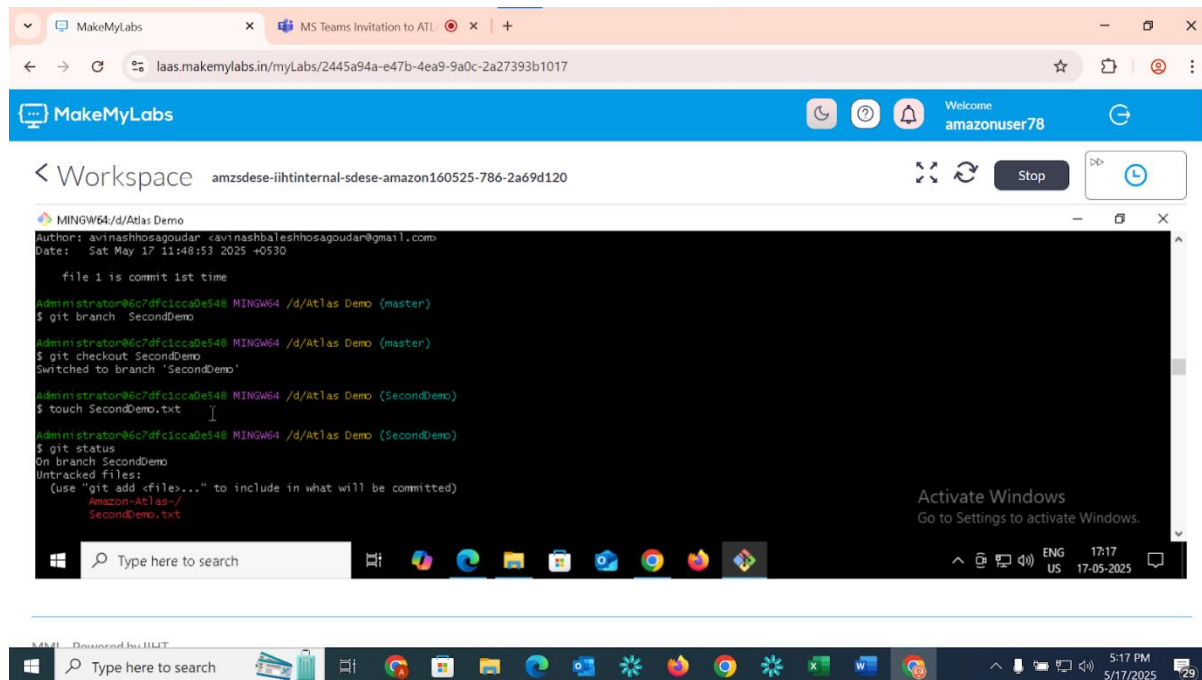
nothing added to commit but untracked files present (use "git add" to track)

administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (master)
$ git show
commit be361e93be4ad00b578a2b4590ea546bcdad143 (HEAD -> master, origin/master)
Author: avinashhosagoudar <avinashbaleshshosagoudar@gmail.com>
Date: Sat May 17 12:56:38 2025 +0530

    file 2 is committing 1st time

diff --git a/FirstDemo2.txt b/FirstDemo2.txt
new file mode 100644
index 0000000..6be6bbf
--- /dev/null
+++ b/FirstDemo2.txt.txt
@@ -0,0 +1 @@
+<p>Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.</p>
\ No newline at end of file
```

2.Branching:



The screenshot shows a web browser window with the MakeMyLabs interface. The workspace is titled "amzsdes-e-ihtinternal-sdes-e-amazon160525-786-2a69d120". A terminal window is open, displaying the following commands and output:

```
MINGW64/d/Atlas Demo
Author: avinashhosagoudar <avinashbaleshosagoudar@gmail.com>
Date: Sat May 17 11:48:53 2025 +0530

file 1 is commit 1st time

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

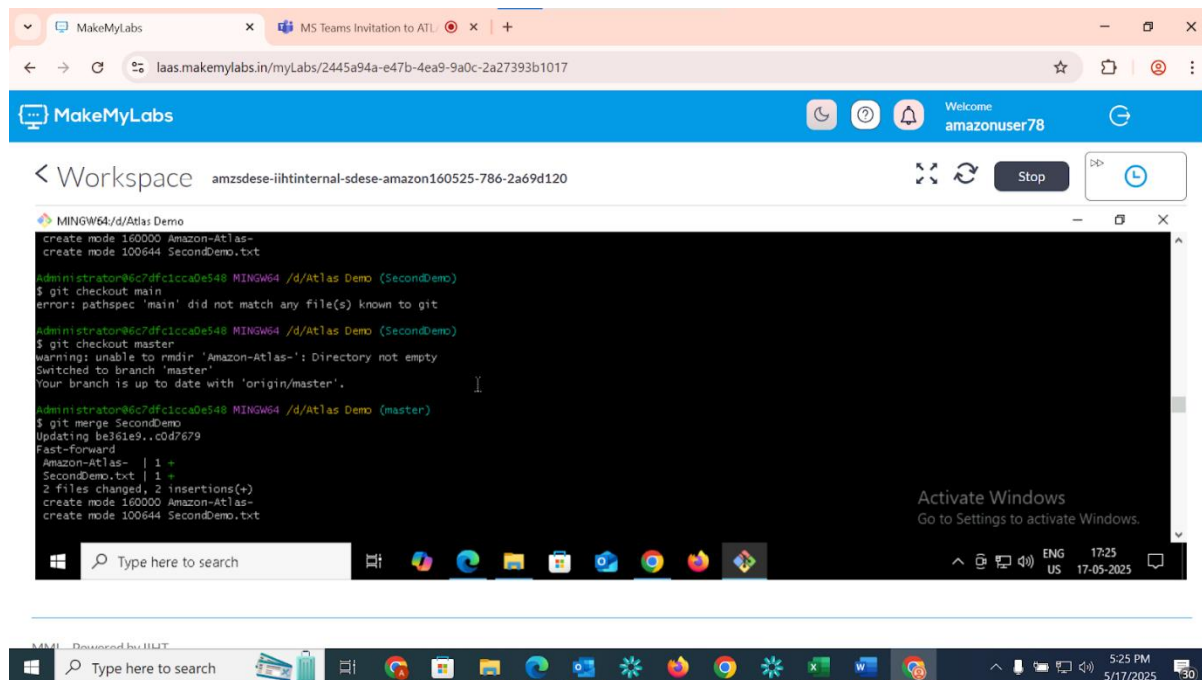
Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (master)
$ git checkout SecondDemo
Switched to branch 'SecondDemo'

Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ touch SecondDemo.txt

Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git status
On branch SecondDemo
Untracked Files:
  (use "git add <file>..." to include in what will be committed)
   Amazon-Atlas-
   SecondDemo.txt
```

The terminal window also shows a Windows taskbar at the bottom with the date 17-05-2025 and time 17:17.

3.git merge:



The screenshot shows the same MakeMyLabs workspace as before. The terminal window now displays the following commands and output:

```
MINGW64/d/Atlas Demo
create mode 160000 Amazon-Atlas-
create mode 100644 SecondDemo.txt

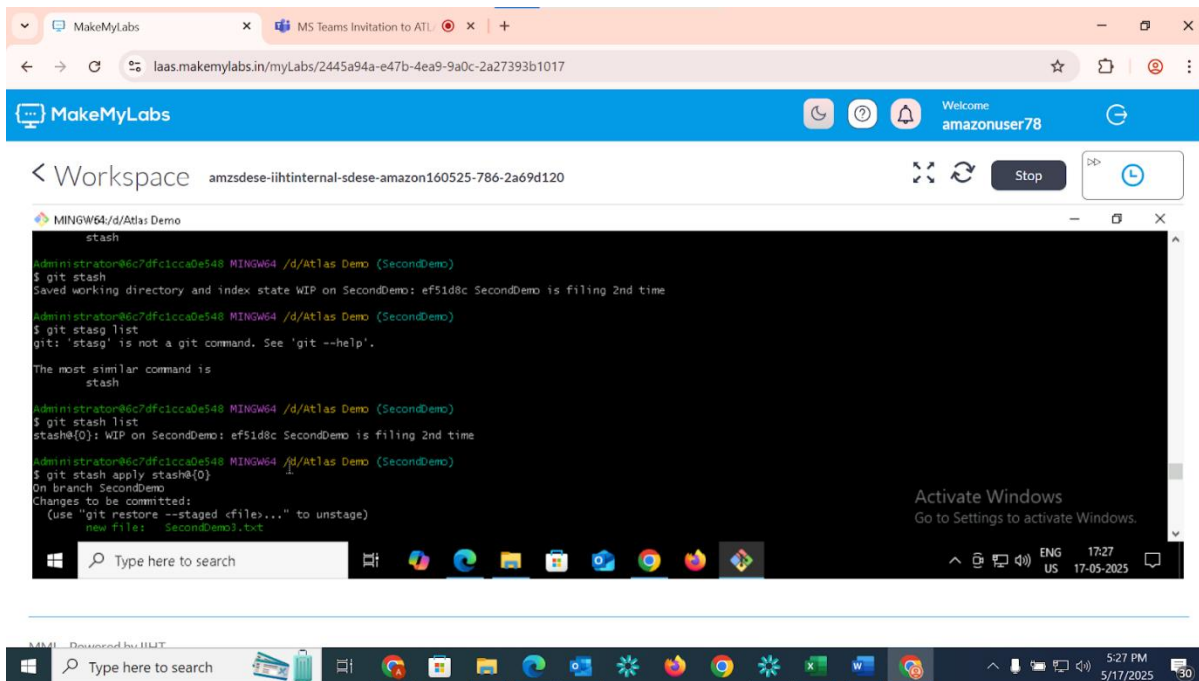
Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git checkout main
error: pathspec 'main' did not match any file(s) known to git

Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git checkout master
warning: unable to rmdir 'Amazon-Atlas-': Directory not empty
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (master)
$ git merge SecondDemo
Updating be361e9..c0d7679
Fast-forward
 Amazon-Atlas- | 1 +
 SecondDemo.txt | 1 +
 2 files changed, 2 insertions(+)
 create mode 160000 Amazon-Atlas-
 create mode 100644 SecondDemo.txt
```

The terminal window also shows a Windows taskbar at the bottom with the date 17-05-2025 and time 17:25.

4.git stash :

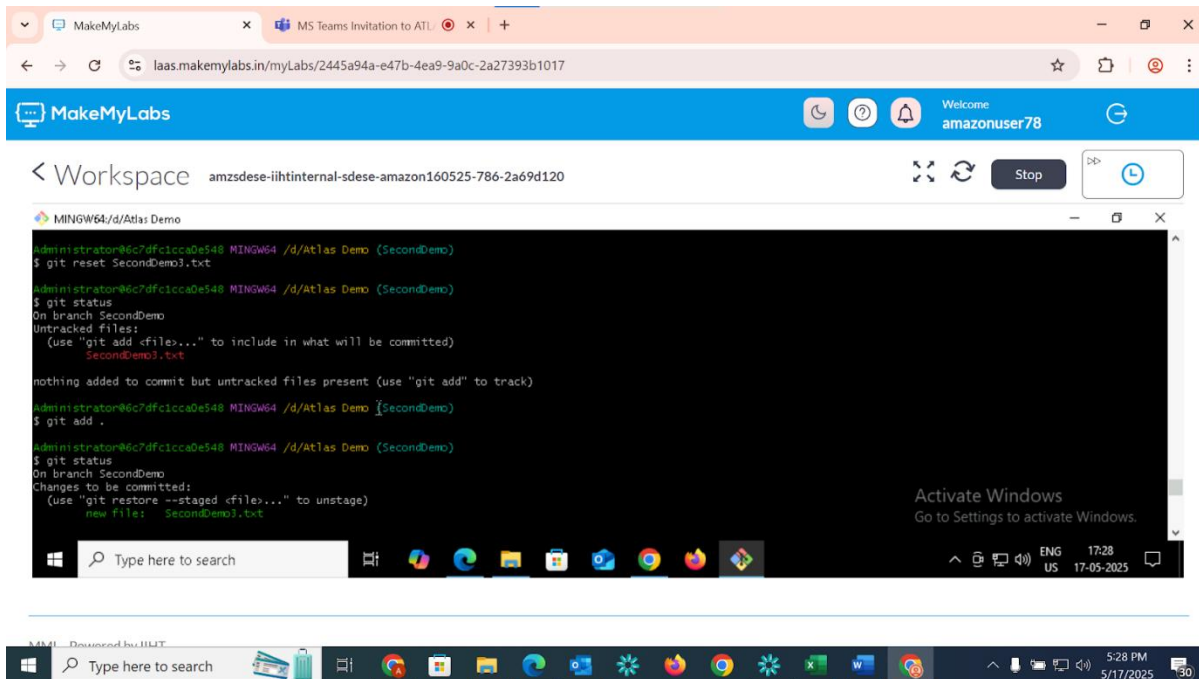


The screenshot shows a web browser window with the MakeMyLabs interface. The workspace is titled "amzsdese-iihtinternal-sdese-amazon160525-786-2a69d120". The terminal window displays the following commands and output:

```
stash
Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git stash
Saved working directory and index state WIP on SecondDemo: ef51d8c SecondDemo is filing 2nd time
Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git stasg list
git: 'stasg' is not a git command. See 'git --help'.
The most similar command is
  stash
Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git stash list
stash@{0}: WIP on SecondDemo: ef51d8c SecondDemo is filing 2nd time
Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git stash apply stash@{0}
On branch SecondDemo
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new File:   SecondDemo3.txt
```

The terminal window also shows a Windows taskbar at the bottom with various application icons and a system tray showing the time as 17:27 on 17-05-2025.

5.git reset :



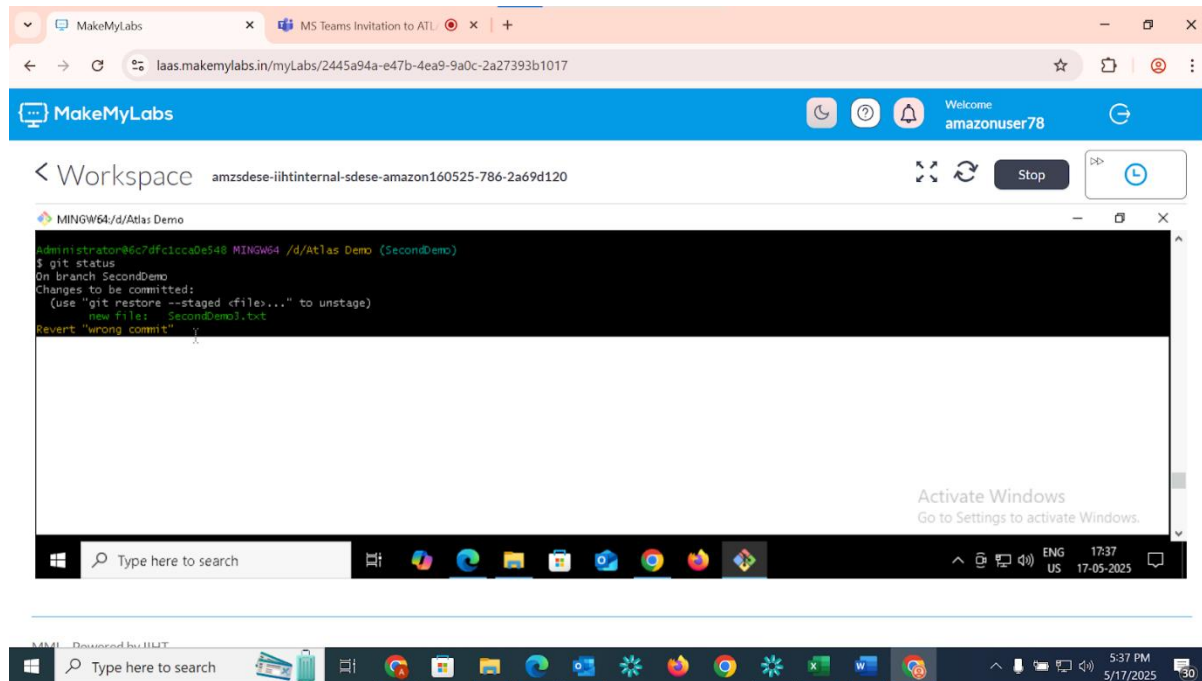
The screenshot shows a web browser window with the MakeMyLabs interface. The workspace is titled "amzsdese-iihtinternal-sdese-amazon160525-786-2a69d120". The terminal window displays the following commands and output:

```
Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git reset SecondDemo3.txt
Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git status
On branch SecondDemo
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    SecondDemo3.txt
nothing added to commit but untracked files present (use "git add" to track)
Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git add .
Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (SecondDemo)
$ git status
On branch SecondDemo
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new File:   SecondDemo3.txt
```

The terminal window also shows a Windows taskbar at the bottom with various application icons and a system tray showing the time as 17:28 on 17-05-2025.

6.git revert:

```
Date: Sat May 17 16:28:28 2025 +0530
adding Second Demo 1st Time
commit be361e93be4ad00b578a2b4590ea546bcdad143 (origin/master)
Author: avinashhosagoudar <avinashbaleshhosagoudar@gmail.com>
Date: Sat May 17 12:56:38 2025 +0530
file 2 is committing 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 revert AC
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

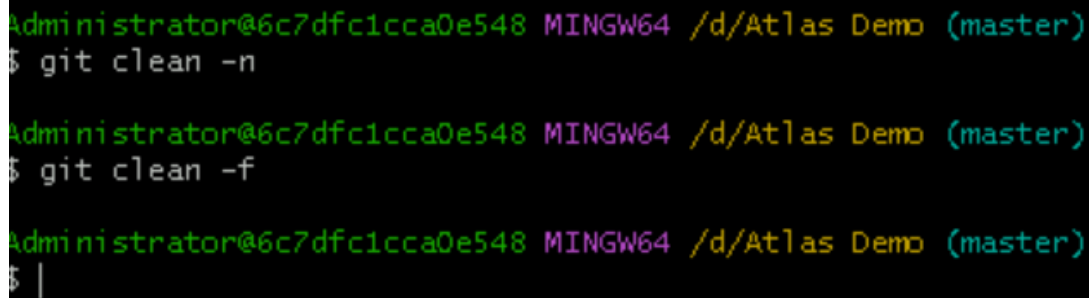
Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (master)
$ ls
Amazon-Atlas-/ FirstDemo1.txt.txt FirstDemo2.txt.txt SecondDemo.txt ThirdDemo.txt fourthDemo1.txt
```

 avinashhosagoudar	fourthDemo from branching	158be6a · 6 minutes ago	🕒 5 Commits
 Amazon-Atlas-	adding Second Demo 1st Time		1 hour ago
 FirstDemo1.txt.txt	file 1 is commit 1st time		6 hours ago
 FirstDemo2.txt.txt	file 2 is committing 1st time		5 hours ago
 SecondDemo.txt	adding Second Demo 1st Time		1 hour ago
 ThirdDemo.txt	ThirdDemo		11 minutes ago
 fourthDemo1.txt	fourthDemo from branching		6 minutes ago

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

A screenshot of a Windows command prompt window with a black background and green text. The prompt shows the user is Administrator@6c7dfc1cca0e548 in a MINGW64 environment at the directory /d/Atlas Demo on the master branch. The user enters 'git clean -n' and then 'git clean -f'. The prompt then shows the user entering a vertical bar character '|'.

```
Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (master)
$ git clean -n

Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (master)
$ git clean -f

Administrator@6c7dfc1cca0e548 MINGW64 /d/Atlas Demo (master)
$ |
```

Thank You