Day 2 - 17th May 2025

Day 2 - 113312696- Aditya Shubham

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

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

Complete Git Session Log with Commands and Outputs

Initial Repository Setup

> git status

fatal: not a git repository (or any of the parent directories): .git

> git init

Initialized empty Git repository in C:/Users/\*\*\*\*\*\*\*/.git/

Repository Status After Initialization

> git status

On branch master

No commits yet

Untracked files:

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

.android/

.aws/

[... several directory listings ...]

nothing added to commit but untracked files present

Git Configuration

> git config --global user.email"adixavi7@live.com"

> git config --global user.name”MinotaurG”

Adding and Committing Files

> git add .

warning: adding embedded git repository: ATLAS\_Training

hint: You've added another git repository inside your current repository.

[... additional hints about submodule ...]

> git status

On branch master

Changes to be committed:

new file: ATLAS\_Training

renamed: Test File1.txt -> HandBook.txt

> git commit -m"secondary comming"

[master 3f670b2] secondary comming

2 files changed, 1 insertion(+)

create mode 160000 ATLAS\_Training

rename Test File1.txt => HandBook.txt (100%)

Remote Repository Operations

> git pull https://github.com/MinotaurG/ATLAS\_Training.git

remote: Enumerating objects: 9, done.

[... pull details ...]

fatal: refusing to merge unrelated histories

> git push origin master

Enumerating objects: 3, done.

Counting objects: 100% (3/3), done.

Delta compression using up to 8 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (2/2), 298 bytes | 298.00 KiB/s, done.

Total 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To https://github.com/MinotaurG/ATLAS\_Training.git

201997d..3f670b2 master -> master

SSH Key Generation

> ssh-keygen -t rsa -b 4096 -C "adixavi7@live.com"

Generating public/private rsa key pair.

Enter file in which to save the key (C:\Users\adishum/.ssh/id\_rsa): adissh.txt

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

Your identification has been saved in adissh.txt

Your public key has been saved in adissh.txt.pub

The key fingerprint is:

SHA256:it+UXBj724ofcRGYdlIhiAv+vOTK6qMXE80isYMnXr8 adixavi7@live.com

The key's randomart image is:

+---[RSA 4096]----+

| . ..++. |

|. . . . =... |

|.o + . ... o. |

|\* +.+ . + . |

|.=.o.o S o . |

| .o o+o + o |

| o.oo.+ o |

| o. Eoo . + |

|.+ooo.. o.+.. |

+----[SHA256]-----+

Final Repository Structure

> ls

Directory: C:\Users\adishum\Desktop\ATLAS Training\Git\_Practice

Mode LastWriteTime Length Name

---- ------------- ------ ----

d----- 5/17/2025 11:30 AM ATLAS\_Training

-a---- 6/15/2025 5:20 PM 3381 adissh.txt

-a---- 6/15/2025 5:20 PM 744 adissh.txt.pub

-a---- 5/17/2025 10:18 AM 0 HandBook.txt

-a---- 5/17/2025 10:32 AM 0 Test\_File1.txt

-a---- 5/17/2025 10:32 AM 0 Test\_File2.txt

Commit History

> git log

commit 3f670b273b7161287d447bcc02e6c5519af329b4 (HEAD -> master, origin/master)

Author: \*\*\*\*\*\*\*\* <adixavi7@live.com>

Date: Sun Jun 15 17:10:25 2025 +0530

secondary comming

commit 201997de35cb06ee760f705b0188fd2750b3eb1b

Author: \*\*\*\*\*\*\*\* <adixavi7@live.com>

Date: Sat May 17 13:00:39 2025 +0530

uploading second file

commit a6c30bf1347b10e9d316eaf36410416c27f91b43

Author: \*\*\*\*\*\*\*\* <adishum@amazon.com>

Date: Sat May 17 11:15:45 2025 +0530

first add