**Git Commands Exhecution :**

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1 (main)

$ mkdir Repo1

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1 (main)

$ cd Repo1

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1 (main)

$ git init

Initialized empty Git repository in C:/Users/DELL/Repo1/Repo1/Repo1/.git/

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1 (master)

$ git clone https://github.com/DiviJyotsna15/Repo1.git

Cloning into 'Repo1'...

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

Receiving objects: 100% (6/6), done.

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1 (master)

$ ls

Repo1/

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1 (master)

$ cd Repo1

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ touch a b c

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ touch fileb filec filed

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git add

Nothing specified, nothing added.

hint: Maybe you wanted to say 'git add .'?

hint: Turn this message off by running

hint: "git config advice.addEmptyPathspec false"

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git add .

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git commit -m "myfirstcommit"

[main 9a1c890] myfirstcommit

3 files changed, 0 insertions(+), 0 deletions(-)

create mode 100644 fileb

create mode 100644 filec

create mode 100644 filed

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git push origin main

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), 285 bytes | 285.00 KiB/s, done.

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

To https://github.com/DiviJyotsna15/Repo1.git

d994eac..9a1c890 main -> main

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ ls

README.md a b c fileb filec filed

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git status

On branch main

Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ touch gitfilea

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ ls

README.md a b c fileb filec filed gitfilea

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git status

On branch main

Your branch is up to date with 'origin/main'.

Untracked files:

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

gitfilea

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

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git status

On branch main

Your branch is up to date with 'origin/main'.

Untracked files:

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

gitfilea

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

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git add gitfilea

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git status

On branch main

Your branch is up to date with 'origin/main'.

Changes to be committed:

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

new file: gitfilea

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git commit -m "adding one more file" gitfilea

[main 5fb597d] adding one more file

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 gitfilea

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git push origin main

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), 268 bytes | 268.00 KiB/s, done.

Total 2 (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/DiviJyotsna15/Repo1.git

9a1c890..5fb597d main -> main

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git status

On branch main

Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ ls

README.md a b c fileb filec filed gitfilea

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ touch file

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ ls

README.md a b c file fileb filec filed gitfilea

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git status

On branch main

Your branch is up to date with 'origin/main'.

Untracked files:

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

file

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

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git add

Nothing specified, nothing added.

hint: Maybe you wanted to say 'git add .'?

hint: Turn this message off by running

hint: "git config advice.addEmptyPathspec false"

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git commit-m "addedsomemorefiles"

git: 'commit-m' is not a git command. See 'git --help'.

The most similar command is

commit-tree

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ log --online

bash: log: command not found

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ log --online

bash: log: command not found

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ log --online

bash: log: command not found

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git log --online

fatal: unrecognized argument: --online

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git log --oneline

5fb597d (HEAD -> main, origin/main, origin/HEAD) adding one more file

9a1c890 myfirstcommit

d994eac myfirstcommit

3b8863b Initial commit

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git push origin main

Everything up-to-date

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git pull origin main

From https://github.com/DiviJyotsna15/Repo1

\* branch main -> FETCH\_HEAD

Already up to date.

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ ^C

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$

**Git Branching:**

**How to create Branch:**

git checkout -b branchname

How to delete branch?

1. Git branch -d branchname

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git branch

\* main

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git checkout -b mynewbranch

Switched to a new branch 'mynewbranch'

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (mynewbranch)

$ git branch

main

\* mynewbranch

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (mynewbranch)

$ git branch -a

main

\* mynewbranch

remotes/origin/HEAD -> origin/main

remotes/origin/main

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (mynewbranch)

$ git checkout -b jyowile

Switched to a new branch 'jyowile'

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (jyowile)

$ git checkout -b branch1

Switched to a new branch 'branch1'

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (branch1)

$ git branch

\* branch1

jyowile

main

mynewbranch

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (branch1)

$ git checkout -b jyotsna

Switched to a new branch 'jyotsna'

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (jyotsna)

$ git branch -d branch1

Deleted branch branch1 (was 5fb597d).

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (jyotsna)

$ git branch

\* jyotsna

jyowile

main

mynewbranch

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (jyotsna)

$ git checkout main

Switched to branch 'main'

Your branch is up to date with 'origin/main'.

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git pull main

fatal: 'main' does not appear to be a git repository

fatal: Could not read from remote repository.

Please make sure you have the correct access rights

and the repository exists.

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git pull

Already up to date.

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ ls

README.md a b c file fileb filec filed gitfilea

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (main)

$ git checkout jyowile

Switched to branch 'jyowile'

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (jyowile)

$ git pull jyowile

fatal: 'jyowile' does not appear to be a git repository

fatal: Could not read from remote repository.

Please make sure you have the correct access rights

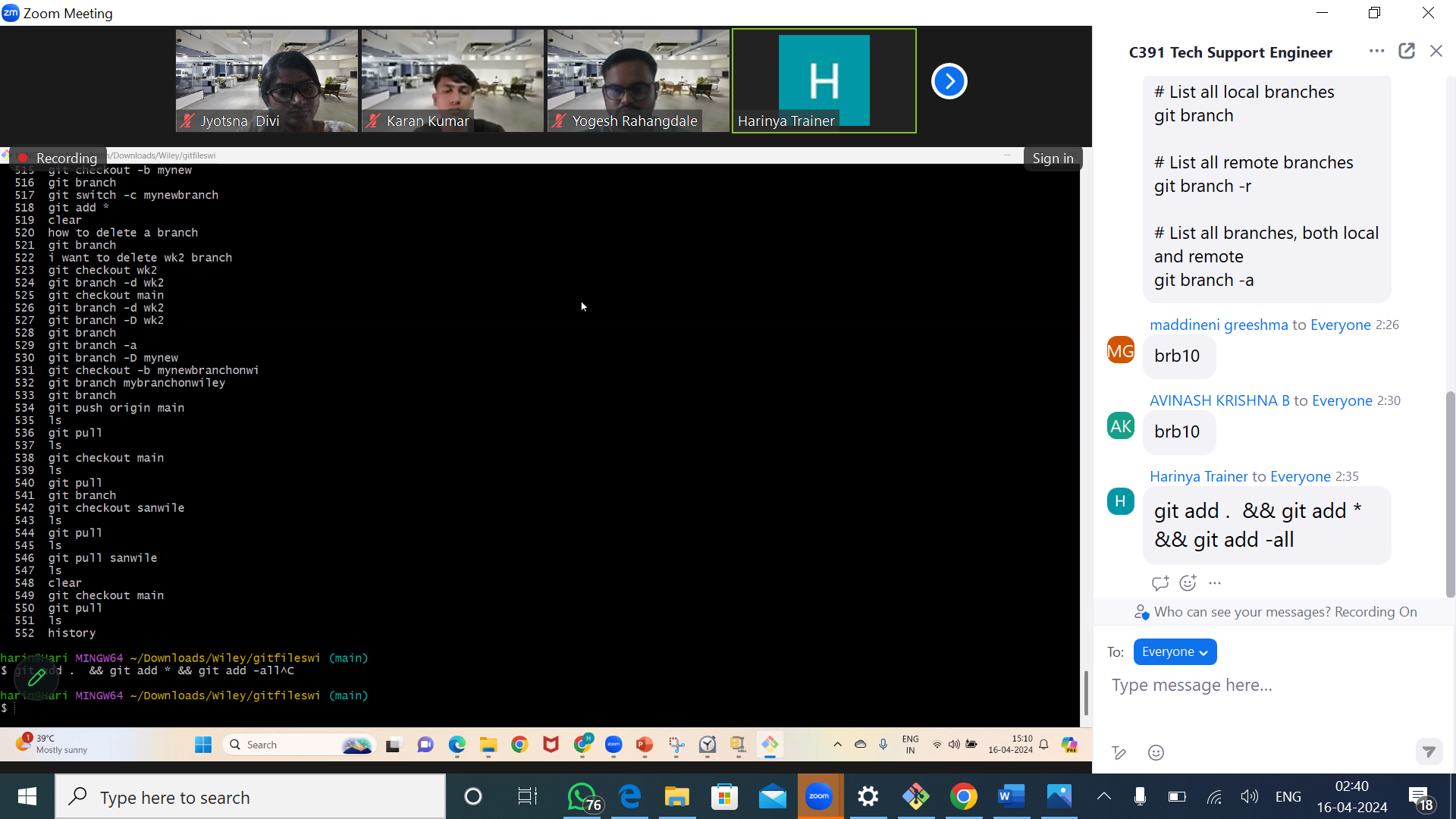
and the repository exists.

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (jyowile)

$ ^C

DELL@DESKTOP-CA1IB8E MINGW64 ~/Repo1/Repo1/Repo1/Repo1 (jyowile)

$

****