GIT CHEKPOINT

1. Create a folder called learn_git.

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~
$ mkdir learn-git
```

2. Cd (change directory) into the learn_git folder.

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~
$ cd learn-git
```

3. Create a file called third.txt.

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git
$ touch third.txt
```

4. Initialize an empty git repository.

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git
$ git init
Initialized empty Git repository in C:/Users/COMPUPHONE/learn-git/.git/
```

5. Add third.txt to the staging area.

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git (master)
$ git add third.txt
```

6. Commit with the message "adding third.txt".

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 35de7bc] adding third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 third.txt
```

7. Check out your commit with git log.

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git (master)
$ git log
commit 35de7bc9e19036c9d202b7b9bbd0237108083717 (HEAD -> master)
Author: anis-djelal <anisdjelal10@gmail.com>
Date:   Fri May 30 14:19:53 2025 +0100

    adding third.txt
```

8. Create another file called fourth.txt.

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git (master)
$ touch fourth.txt
```

9. Add fourth.txt to the staging area.

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git (master)
$ git add fourth.txt
```

10. Commit with the message "adding fourth.txt"

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git (master)
$ git commit -m "adding fourth.txt"
[master 09e518d] adding fourth.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 fourth.txt
```

11. Remove the third.txt file.

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git (master)
$ git rm third.txt
rm 'third.txt'
```

12. Add this change to the staging area. (Using the command "git add . "

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git (master)
$ git add .
```

13. Commit with the message "removing third.txt".

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git (master)
$ git commit -m "removing third.txt"
[master 8e47f7e] removing third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 third.txt
```

14. Check out your commits using git log.

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git (master)
$ git log
commit 8e47f7eac5d4bd12fd615ba903301ac4bd80d1a2 (HEAD -> master)
Author: anis-djelal <anisdjelal10@gmail.com>
Date:   Fri May 30 14:26:20 2025 +0100

    removing third.txt

commit 09e518d7df59c12ae3cd5e78ee0360c485e3898a
Author: anis-djelal <anisdjelal10@gmail.com>
Date:   Fri May 30 14:23:26 2025 +0100

    adding fourth.txt

commit 35de7bc9e19036c9d202b7b9bbd0237108083717
Author: anis-djelal <anisdjelal10@gmail.com>
Date:   Fri May 30 14:19:53 2025 +0100

    adding third.txt
```

15. Change your global settings to core.pager=cat - you can read more about that here.

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git (master)
$ git config --global core.pager cat
```

16. Write the appropriate command to list all the global configurations for git on your machine.

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git (master)
$ git config --global --list
user.name=anis-djelal
user.email=anisdjelal10@gmail.com
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
core.pager=cat
```

17. You can type git config --global to find out how to do this.

```
COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git (master)
$ git remote add origin https://github.com/anis-djelal/learn-git.git

COMPUPHONE@LAPTOP-IUPBPIUU MINGW64 ~/learn-git (master)
$ git push origin master
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 16 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (7/7), 640 bytes | 640.00 KiB/s, done.
Total 7 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:      https://github.com/anis-djelal/learn-git/pull/new/master
remote:
To https://github.com/anis-djelal/learn-git.git
 * [new branch]      master -> master
```