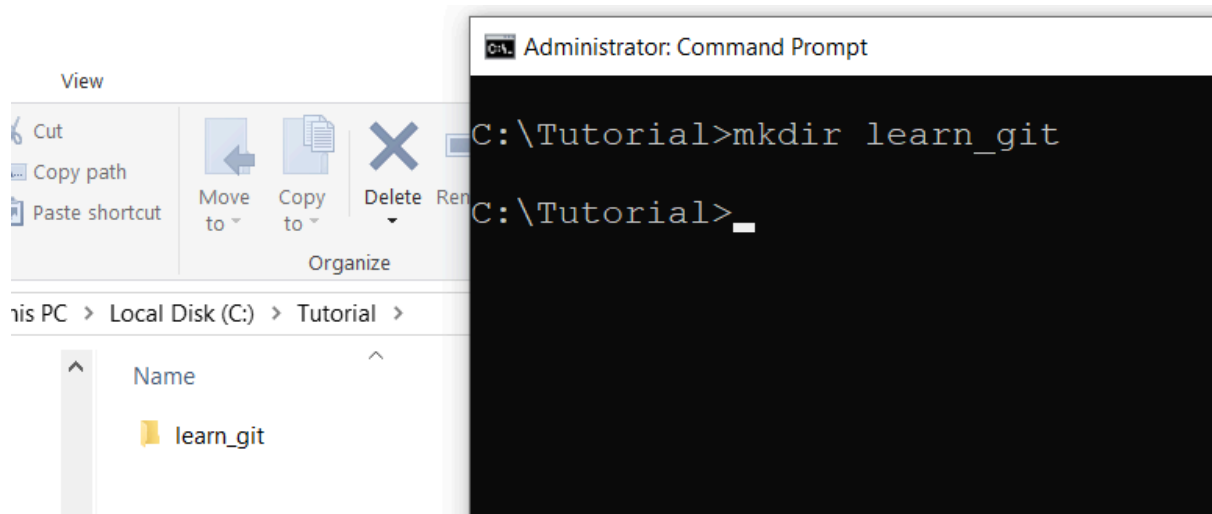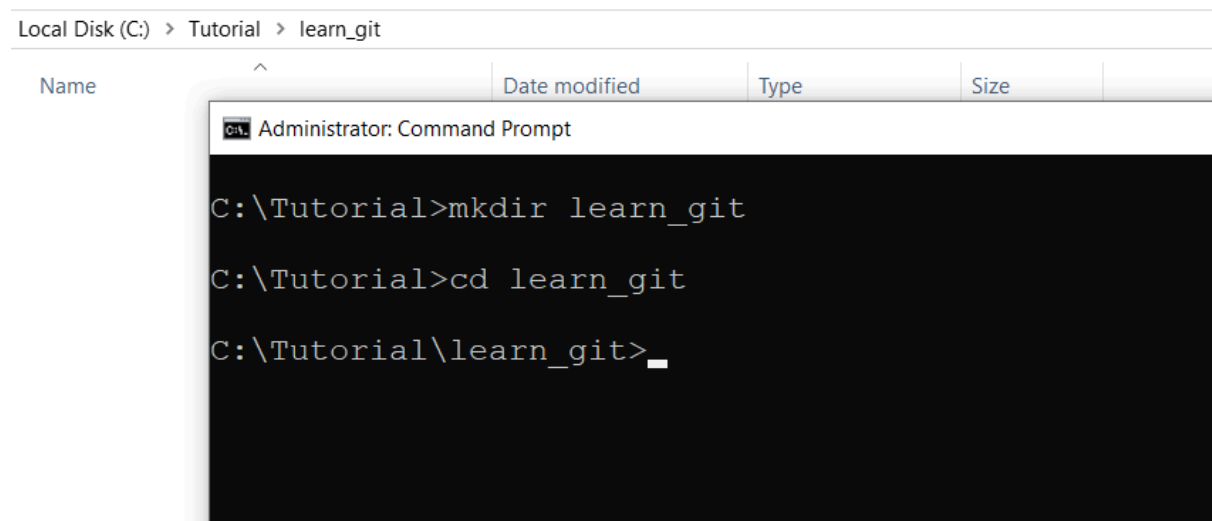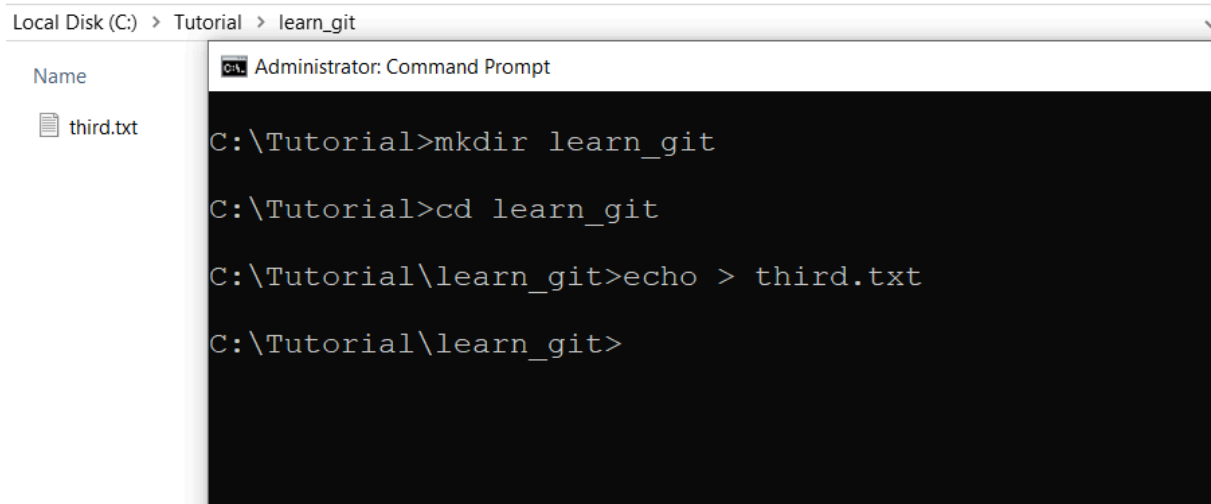# Git & GitHub Project

1. Create a folder called learn_git.
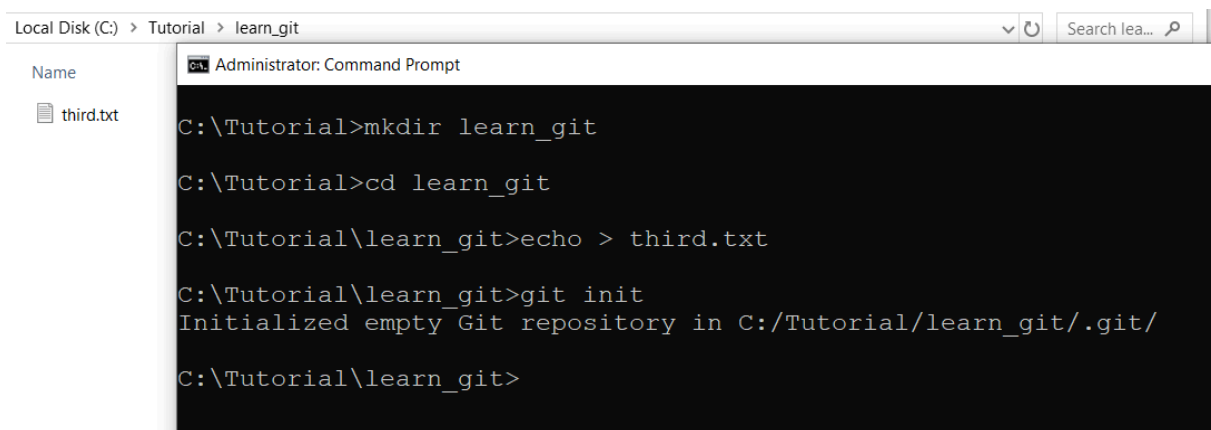

2. Cd (change directory) into the learn_git folder.

3. Create a file called third.txt.

Name

third.txt

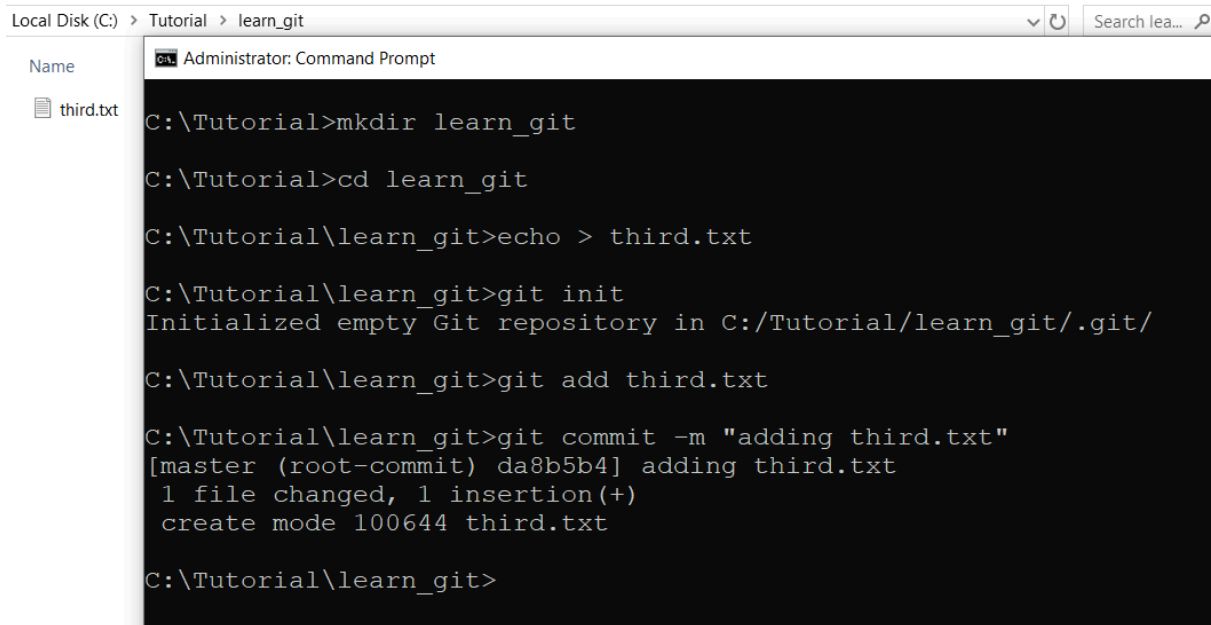```
Administrator: Command Prompt

C:\Tutorial>mkdir learn_git

C:\Tutorial>cd learn_git

C:\Tutorial\learn_git>echo > third.txt

C:\Tutorial\learn_git>
```

4. Initialize an empty git repository.

Name

third.txt

```
Administrator: Command Prompt

C:\Tutorial>mkdir learn_git

C:\Tutorial>cd learn_git

C:\Tutorial\learn_git>echo > third.txt

C:\Tutorial\learn_git>git init
Initialized empty Git repository in C:/Tutorial/learn_git/.git/

C:\Tutorial\learn_git>
```

5. Add third.txt to the staging area.

Name

third.txt

```
Administrator: Command Prompt

C:\Tutorial>mkdir learn_git

C:\Tutorial>cd learn_git

C:\Tutorial\learn_git>echo > third.txt

C:\Tutorial\learn_git>git init
Initialized empty Git repository in C:/Tutorial/learn_git/.git/

C:\Tutorial\learn_git>git add third.txt

C:\Tutorial\learn_git>
```
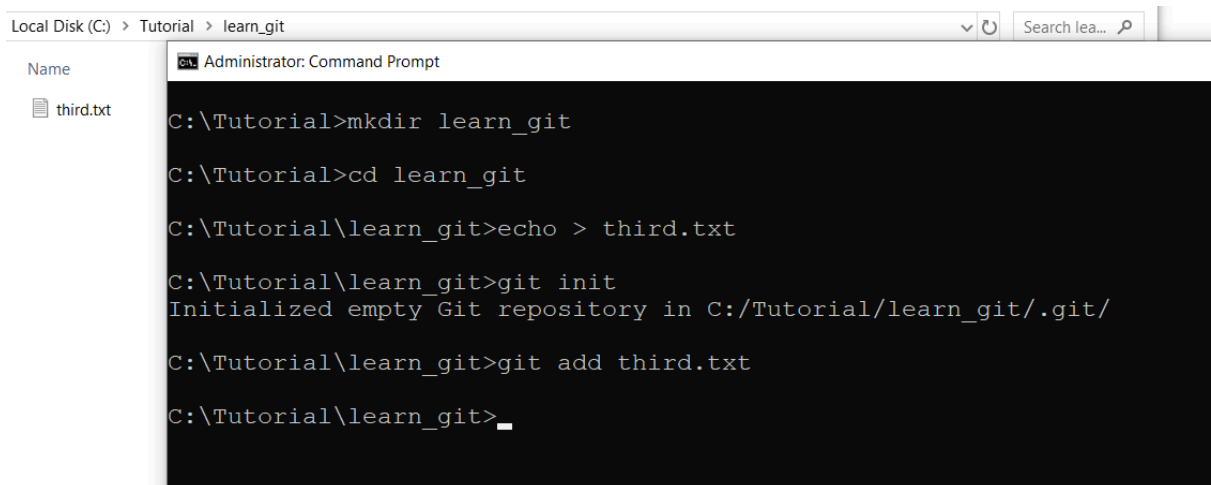
6. Commit with the message "adding third.txt".

Local Disk (C:) > Tutorial > learn_git

Name

third.txt

```
Administrator: Command Prompt

C:\Tutorial>mkdir learn_git

C:\Tutorial>cd learn_git

C:\Tutorial\learn_git>echo > third.txt

C:\Tutorial\learn_git>git init
Initialized empty Git repository in C:/Tutorial/learn_git/.git/

C:\Tutorial\learn_git>git add third.txt

C:\Tutorial\learn_git>git commit -m "adding third.txt"
[master (root-commit) da8b5b4] adding third.txt
 1 file changed, 1 insertion(+)
 create mode 100644 third.txt

C:\Tutorial\learn_git>
```
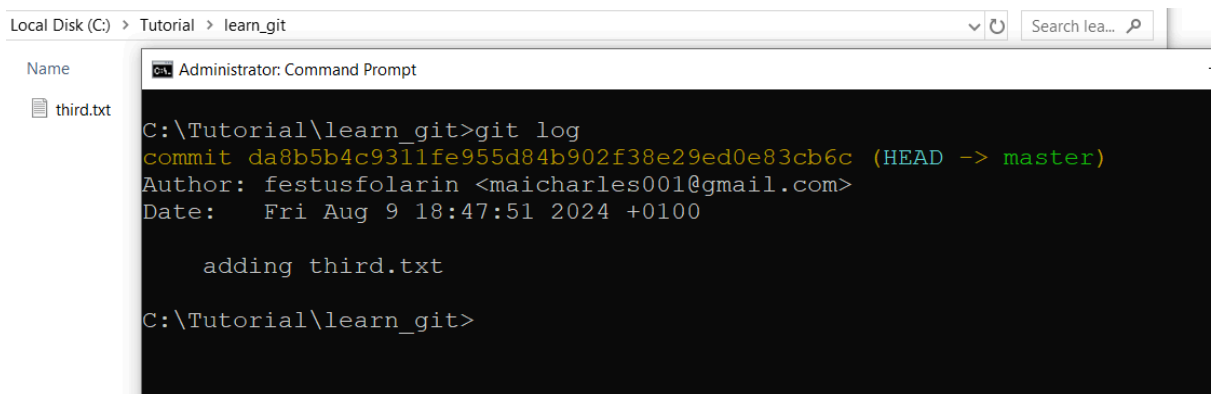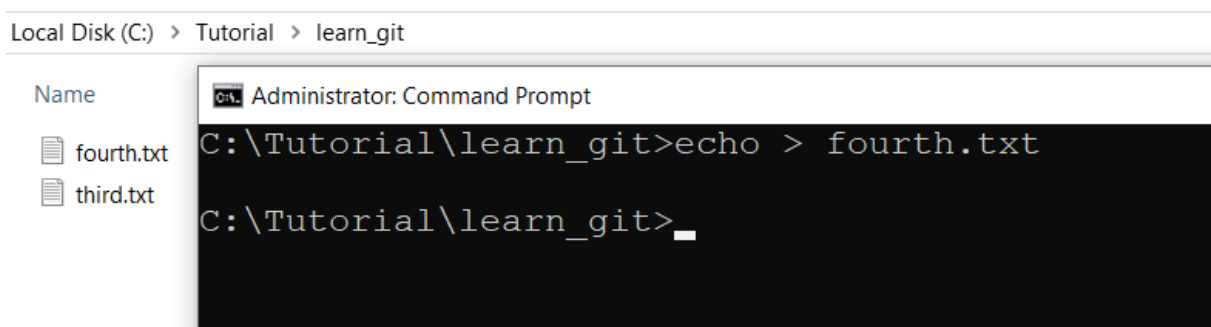
7. Check out your commit with git log.

Local Disk (C:) > Tutorial > learn_git

Name

third.txt

```
Administrator: Command Prompt

C:\Tutorial\learn_git>git log
commit da8b5b4c9311fe955d84b902f38e29ed0e83cb6c (HEAD -> master)
Author: festusfolarin <maicharles001@gmail.com>
Date:   Fri Aug 9 18:47:51 2024 +0100

    adding third.txt

C:\Tutorial\learn_git>
```
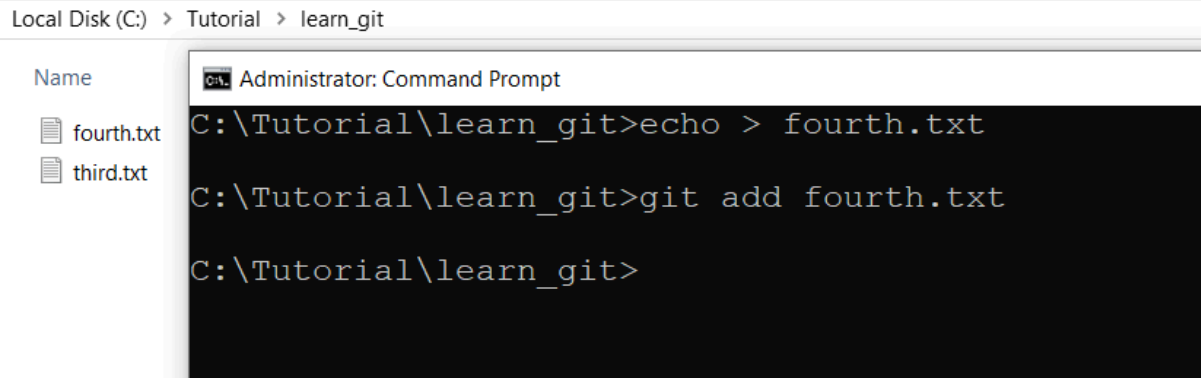
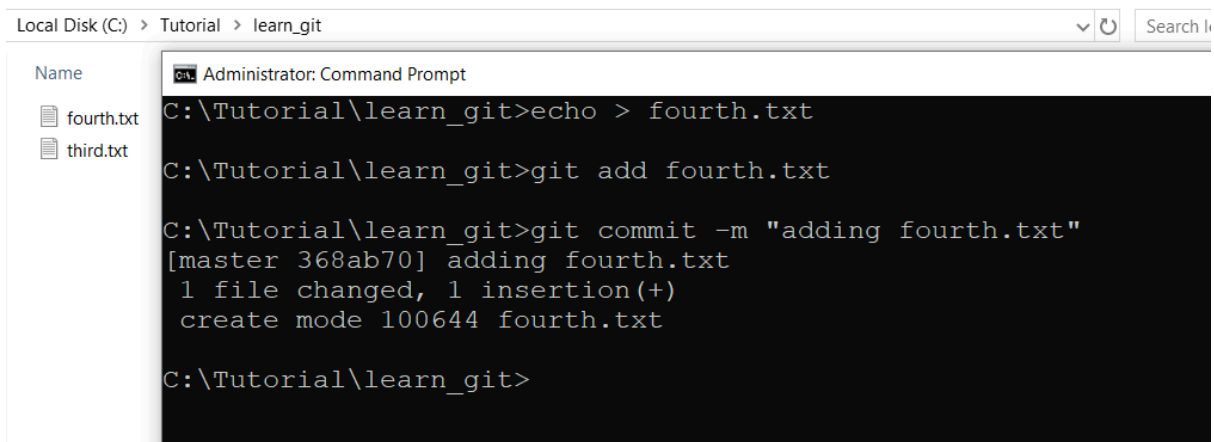8. Create another file called fourth.txt.

Local Disk (C:) > Tutorial > learn_git

Name

fourth.txt
third.txt

```
Administrator: Command Prompt

C:\Tutorial\learn_git>echo > fourth.txt

C:\Tutorial\learn_git>
```

9. Add fourth.txt to the staging area.

Local Disk (C:) > Tutorial > learn_git

Name

📄 fourth.txt
📄 third.txt

```
Administrator: Command Prompt
C:\Tutorial\learn_git>echo > fourth.txt

C:\Tutorial\learn_git>git add fourth.txt

C:\Tutorial\learn_git>
```

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

Local Disk (C:) > Tutorial > learn_git   ✓ ↻   Search l

Name

📄 fourth.txt
📄 third.txt

```
Administrator: Command Prompt
C:\Tutorial\learn_git>echo > fourth.txt

C:\Tutorial\learn_git>git add fourth.txt

C:\Tutorial\learn_git>git commit -m "adding fourth.txt"
[master 368ab70] adding fourth.txt
 1 file changed, 1 insertion(+)
 create mode 100644 fourth.txt

C:\Tutorial\learn_git>
```

11. Remove the third.txt file.

Name

📄 fourth.txt
📄 third.txt

```
Administrator: Command Prompt
C:\Tutorial\learn_git>echo > fourth.txt

C:\Tutorial\learn_git>git add fourth.txt

C:\Tutorial\learn_git>git commit -m "adding fourth.txt"
[master 368ab70] adding fourth.txt
 1 file changed, 1 insertion(+)
 create mode 100644 fourth.txt

C:\Tutorial\learn_git>git rm --cached third.txt
rm 'third.txt'

C:\Tutorial\learn_git>
```
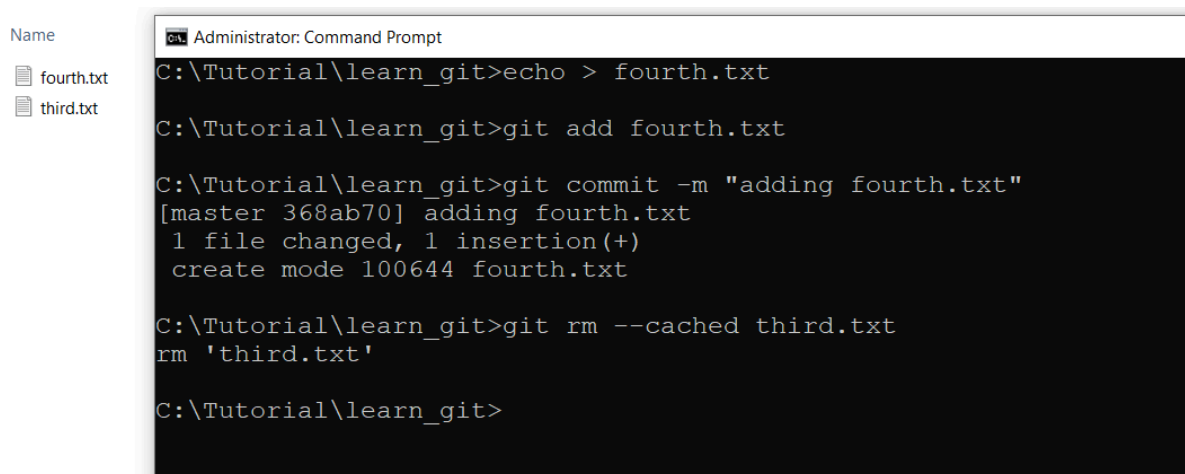
12. Add this change to the staging area. (Using the command "git add . "

Doesn't this add all the files back to it?

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

14. Check out your commits using git log.

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

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

Name

fourth.txt
third.txt

```
Administrator: Command Prompt                                    —    □    ✕

C:\Tutorial\learn_git>git config --list --global
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
winupdater.recentlyseenversion=2.31.1.windows.1
user.name=festusfolarin
user.email=maicharles001@gmail.com
user.password=████████████
core.pager=cat

C:\Tutorial\learn_git>_
```

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