

1. Create a folder called learn_git.

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop
$ mkdir learn_git
```

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

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop
$ cd learn_git
```

3. Create a file called third.txt.

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop/learn_git
$ touch third.txt
```

- 4 Initialize an empty git repository.

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop/learn_git
$ git init
Initialized empty Git repository in C:/Users/HP/Desktop/learn_git/.git/
```

5. Add third.txt to the staging area.

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop/learn_git (master)
$ git add third.txt
```

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

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 033363c] adding third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 third.txt
```

7. Check out your commit with git log.

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop/learn_git (master)
$ git log
commit 033363c10ea4aa77a2a9490981ef312c32df7335 (HEAD -> master)
Author: Ounissi5329 <mohmaedounissi7543@gmail.com>
Date: Thu Aug 21 05:38:06 2025 +0100

    adding third.txt
```

8. Create another file called fourth.txt

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop/learn_git (master)
$ touch fourth.txt
```

9. Add fourth.txt to the staging area.

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop/learn_git (master)
$ git add fourth.txt
```

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

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop/learn_git (master)
$ git commit -m "adding fourth.txt"
[master 1cfd86a] adding fourth.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 fourth.txt
```

11. Remove the third.txt file.

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop/learn_git (master)
$ git rm third.txt
rm 'third.txt'
```

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

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop/learn_git (master)
$ git add .
```

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

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop/learn_git (master)
$ git commit -m "removing third.txt"
[master 9d5dce9] removing third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 third.txt
```

14. Check out your commits using git log.

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop/learn_git (master)
$ git log
commit 9d5dce95e96f3ebb371e767cf52b9eea8d1a553f (HEAD -> master)
Author: Ounissi5329 <mohmaedounissi7543@gmail.com>
Date: Thu Aug 21 11:05:52 2025 +0100

    removing third.txt

commit 1cfd86af219e080ae004d1c373ed54a2d58971e9
Author: Ounissi5329 <mohmaedounissi7543@gmail.com>
Date: Thu Aug 21 11:00:15 2025 +0100

    adding fourth.txt

commit 033363c10ea4aa77a2a9490981ef312c32df7335
Author: Ounissi5329 <mohmaedounissi7543@gmail.com>
Date: Thu Aug 21 05:38:06 2025 +0100

    adding third.txt
```

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

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop/learn_git (master)
$ git config --global --list
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
user.name=Ounissi5329
user.email=mohmaedounissi7543@gmail.com
```

- git config --global core.pager cat

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop/learn_git (master)
$ git config --global core.pager cat
```

- git config --global --list

```
user.name=Ounissi5329
user.email=mohmaedounissi7543@gmail.com
core.pager=cat
```

- To creat repos

```
HP@DESKTOP-FAM739H MINGW64 ~/Desktop/learn_git (master)
$ git remote add origin https://github.com/Ounissi5329/learngit.git
git branch -M main
git push -u origin main
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (7/7), 655 bytes | 327.00 KiB/s, done.
Total 7 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Ounissi5329/learngit.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```