

1. Create a folder called learn_git.

```
PS C:\Users\21627> cd desktop
PS C:\Users\21627\desktop> mkdir learn-git
```

Directory: C:\Users\21627\desktop

Mode	LastWriteTime	Length	Name
d-----	11/8/2023 4:50 PM		learn-git

```
PS C:\Users\21627\desktop> |
```

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

```
PS C:\Users\21627\desktop> cd .\learn-git\
PS C:\Users\21627\desktop\learn-git> |
```

3. Create a file called third.txt.

```
PS C:\Users\21627\desktop\learn-git> new-item third.txt
```

Directory: C:\Users\21627\desktop\learn-git

Mode	LastWriteTime	Length	Name
-a----	11/8/2023 4:53 PM	0	third.txt

```
PS C:\Users\21627\desktop\learn-git> |
```

4. Initialize an empty git repository.

```
PS C:\Users\21627\desktop\learn-git> git init
Initialized empty Git repository in C:/Users/21627/Desktop/learn-git/.git/
PS C:\Users\21627\desktop\learn-git> |
```

5. Add third.txt to the staging area.

```
PS C:\Users\21627\desktop\learn-git> git add .\third.txt
PS C:\Users\21627\desktop\learn-git> |
```

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

```
PS C:\Users\21627\desktop\learn-git> git commit -m "adding third.txt"
[master (root-commit) 54d3947] adding third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 third.txt
PS C:\Users\21627\desktop\learn-git> |
```

7. Check out your commit with git log.

```
PS C:\Users\21627\desktop\learn-git> git log
commit 54d39470179102cf9dc8a911fd8dfc058a65a356 (HEAD -> master)
Author: emnasamchi <emnasamchi26@gmail.com>
Date:   Wed Nov 8 17:01:09 2023 +0100

    adding third.txt
PS C:\Users\21627\desktop\learn-git> |
```

8. Create another file called fourth.txt.

```
PS C:\Users\21627\desktop\learn-git> new-item "fourth.txt"

Directory: C:\Users\21627\desktop\learn-git

Mode                LastWriteTime         Length Name
----                -
-a-----          11/8/2023   5:03 PM             0 fourth.txt

PS C:\Users\21627\desktop\learn-git> |
```

9. Add fourth.txt to the staging area.

```
PS C:\Users\21627\desktop\learn-git> git add .\fourth.txt
PS C:\Users\21627\desktop\learn-git> |
```

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

```
PS C:\Users\21627\desktop\learn-git> git commit -m "adding fourth.txt"
[master c988ec0] adding fourth.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 fourth.txt
PS C:\Users\21627\desktop\learn-git> |
```

11. Remove the third.txt file.

```
PS C:\Users\21627\desktop\learn-git> rm .\third.txt
PS C:\Users\21627\desktop\learn-git> dir

Directory: C:\Users\21627\desktop\learn-git

Mode                LastWriteTime         Length Name
----                -
-a-----          11/8/2023   5:03 PM             0 fourth.txt

PS C:\Users\21627\desktop\learn-git> |
```

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

```
PS C:\Users\21627\desktop\learn-git> git add .
PS C:\Users\21627\desktop\learn-git> |
```

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

```
PS C:\Users\21627\desktop\learn-git> git add .
PS C:\Users\21627\desktop\learn-git> git commit -m "removing third.txt"
[master 1fccedd] removing third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 third.txt
PS C:\Users\21627\desktop\learn-git> |
```

14. Check out your commits using git log.

```
PS C:\Users\21627\desktop\learn-git> git log
commit 1fccedd356dd15faca2ba80ab3e82bd86f699ce0 (HEAD -> master)
Author: emnasamchi <emnasamchi26@gmail.com>
Date: Wed Nov 8 17:07:31 2023 +0100

    removing third.txt

commit c988ec0ce45d736a7031d64947701de591dee44f
Author: emnasamchi <emnasamchi26@gmail.com>
Date: Wed Nov 8 17:04:54 2023 +0100

    adding fourth.txt

commit 54d39470179102cf9dc8a911fd8dfc058a65a356
Author: emnasamchi <emnasamchi26@gmail.com>
Date: Wed Nov 8 17:01:09 2023 +0100

    adding third.txt
PS C:\Users\21627\desktop\learn-git> |
```

15. Change your global settings to core.pager=cat - you can read more about that [here](#).

```
adding third.txt
PS C:\Users\21627\desktop\learn-git> git config --global core.pager cat
PS C:\Users\21627\desktop\learn-git> |
```

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

```
adding third.txt
PS C:\Users\21627\desktop\learn-git> git config --global core.pager cat
PS C:\Users\21627\desktop\learn-git> git config --global --list
user.name=emnasamchi
user.email=emnasamchi26@gmail.com
core.pager=cat
PS C:\Users\21627\desktop\learn-git> |
```

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