Instructions.

1. Create a folder called learn_git.

```
C:\Users\Ryan>cd Documents

C:\Users\Ryan\Documents>mkdir learn_git

C:\Users\Ryan\Documents>
```

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

```
C:\Users\Ryan\Documents>cd learn_git

C:\Users\Ryan\Documents\learn_git>
```

3. Create a file called third.txt

```
C:\Users\Ryan\Documents>cd learn_git

C:\Users\Ryan\Documents\learn_git>type nul > third.txt
```

```
C:\Users\Ryan\Documents\learn_git>dir
 Volume in drive C is OS
 Volume Serial Number is 527D-7CB1

 Directory of C:\Users\Ryan\Documents\learn_git

23-Nov-23  11:56 AM    <DIR>          .
23-Nov-23  11:53 AM    <DIR>          ..
23-Nov-23  11:56 AM                 0 third.txt
               1 File(s)              0 bytes
               2 Dir(s)  119,508,377,600 bytes free
```

4. Initialize an empty git repository

```
C:\Users\Ryan\Documents\learn_git>git init
Initialized empty Git repository in C:/Users/Ryan/Documents/learn_git/.git/
```

5. Add third.txt to the staging area.

```
C:\Users\Ryan\Documents\learn_git>git add third.txt
```

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

```
C:\Users\Ryan\Documents\learn_git>git commit -m "adding third.txt"
[main (root-commit) 69b8fc7] adding third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 third.txt
```

7. Check out your commit with git log.

```
C:\Users\Ryan\Documents\learn_git>git log
commit 69b8fc720c1a9324f3fd906b1001c1dc5a9f9fe1 (HEAD -> main)
Author: Gichana565 <gichanaryan565@gmail.com>
Date:   Thu Nov 23 12:19:41 2023 +0300

    adding third.txt
```

8. Create another file called fourth.txt.

```
C:\Users\Ryan\Documents\learn_git>type nul > fourth.txt
```

```
C:\Users\Ryan\Documents\learn_git>dir
 Volume in drive C is OS
 Volume Serial Number is 527D-7CB1

 Directory of C:\Users\Ryan\Documents\learn_git

23-Nov-23  12:21 PM    <DIR>          .
23-Nov-23  11:53 AM    <DIR>          ..
23-Nov-23  12:21 PM                 0 fourth.txt
23-Nov-23  11:56 AM                 0 third.txt
               2 File(s)              0 bytes
               2 Dir(s)  119,494,590,464 bytes free
```

9. Add fourth.txt to the staging area.

```
C:\Users\Ryan\Documents\learn_git>git add fourth.txt
```

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

```
C:\Users\Ryan\Documents\learn_git>git commit -m "adding fourth.txt"
[main 88d0398] adding fourth.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 fourth.txt
```

11. Remove the third.txt file

```
C:\Users\Ryan\Documents\learn_git>git rm --cached "third.txt"
rm 'third.txt'

C:\Users\Ryan\Documents\learn_git>dir
 Volume in drive C is OS
 Volume Serial Number is 527D-7CB1

 Directory of C:\Users\Ryan\Documents\learn_git

23-Nov-23  12:21 PM    <DIR>          .
23-Nov-23  11:53 AM    <DIR>          ..
23-Nov-23  12:21 PM                 0 fourth.txt
23-Nov-23  11:56 AM                 0 third.txt
               2 File(s)             0 bytes
               2 Dir(s)  119,496,921,088 bytes free
```

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

```
C:\Users\Ryan\Documents\learn_git>git add .
```

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

```
C:\Users\Ryan\Documents\learn_git>git commit -m "removing third.txt"
[main 0500c71] removing third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 fifth.txt
```

14. Check out your commits using git log

```
C:\Users\Ryan\Documents\learn_git>git log
commit 0500c711f2c76720b95f87a3d454461a1528e7ec (HEAD -> main)
Author: Gichana565 <gichanaryan565@gmail.com>
Date:   Thu Nov 23 12:35:46 2023 +0300

    removing third.txt

commit 88d0398115078e7c015a51710900f3da3e0cf6fc
Author: Gichana565 <gichanaryan565@gmail.com>
Date:   Thu Nov 23 12:24:08 2023 +0300

    adding fourth.txt

commit 69b8fc720c1a9324f3fd906b1001c1dc5a9f9fe1
Author: Gichana565 <gichanaryan565@gmail.com>
Date:   Thu Nov 23 12:19:41 2023 +0300

    adding third.txt
```

15. Change your global settings to core.pager = cat.

```
C:\Users\Ryan\Documents\learn_git>git config --global core.pager "cat"
```

16. Write the appropriate command to list all the global configurations for git on your machine. (You can type git config --global to find out how to do this)

```
C:\Users\Ryan\Documents\learn_git>git config --list
diff.astextplain.textconv=astextplain
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
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
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=Gichana565
user.email=gichanaryan565@gmail.com
user.username=RyanGichana-github
core.editor='C:\Program Files\Android\Android Studio' -multiInst -notabbar -nosession -noPlugin
core.pager=cat
init.defaultbranch=main
alias.i=init
core.repositoryformatversion=0
core.filemode=false
core.bare=false
core.logallrefupdates=true
core.symlinks=false
core.ignorecase=true
```