1. Create a folder called learn_git.

```
hp@DESKTOP-DOT5TLO MINGW64 ~/Documents
$ mkdir learn_git

hp@DESKTOP-DOT5TLO MINGW64 ~/Documents
$ ls -a
 ./   ../   'My Music'@  'My Pictures'@  'My Videos'@   learn_git/
```

2. Cd (Change directory) into the learn_git folder:

```
hp@DESKTOP-DOT5TLO MINGW64 ~/Documents
$ cd learn_git

hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git
$
```

3. Create a file called third.txt

```
hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git
$ touch third.txt

hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git
$ ls -a
./ ../   third.txt

hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git
$
```

4. Initialize an empty git repository

```
hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git
$ git init
Initialized empty Git repository in C:/Users/hp/Documents/learn_git/.git/
```

5. Add thtird.txt to the staging area

```
hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git (master)
$ git add third.txt
```

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

```
hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 1a36b0e] 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-DOT5TLO MINGW64 ~/Documents/learn_git (master)
$ git log
commit 1a36b0ebf1a8a8567910d268401d2298dcc42df5 (HEAD -> master)
Author: RadiantRebel <fxsalahudin97@gmail.com>
Date:   Sat Dec 2 11:01:54 2023 +0300

    adding third.txt
```

8. Create another file called fourth.txt

```
hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git (master)
$ touch fourth.txt

hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git (master)
$ ls -a
./  ../  .git/  fourth.txt  third.txt
```

9. Add fourth.txt to the staging area

```
hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git (master)
$ git add fourth.txt
```

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

```
hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git (master)
$ git commit -m "adding fourth.txt"
[master a283669] adding fourth.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 fourth.txt
```

11. Remove the third.txt

```
hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git (master)
$ git rm --cached third.txt
rm 'third.txt'
```

12. Add this change to the staging area. (usingcommand git add.)

```
hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git (master)
$ git add .
```

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

```
hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git (master)
$ git commit -m "removing third.txt"
[master 2af69c4] removing third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 third.txt
```

14. Check out your commit using git log

```
hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git (master)
$ git log
commit 2af69c460892fe524c583519ca87964b4b892cd5 (HEAD -> master)
Author: RadiantRebel <fxsalahudin97@gmail.com>
Date:   Sat Dec 2 11:25:44 2023 +0300

    removing third.txt

commit a283669cef4258263e6af937025922021c2f0bdb
Author: RadiantRebel <fxsalahudin97@gmail.com>
Date:   Sat Dec 2 11:09:59 2023 +0300

    adding fourth.txt

commit 1a36b0ebf1a8a8567910d268401d2298dcc42df5
Author: RadiantRebel <fxsalahudin97@gmail.com>
Date:   Sat Dec 2 11:01:54 2023 +0300

    adding third.txt
```

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

```
hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/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

```
hp@DESKTOP-DOT5TLO MINGW64 ~/Documents/learn_git (master)
$ 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
user.name=RadiantRebel
user.email=fxsalahudin97@gmail.com
core.pager=cat
core.repositoryformatversion=0
core.filemode=false
core.bare=false
core.logallrefupdates=true
core.symlinks=false
core.ignorecase=true
```