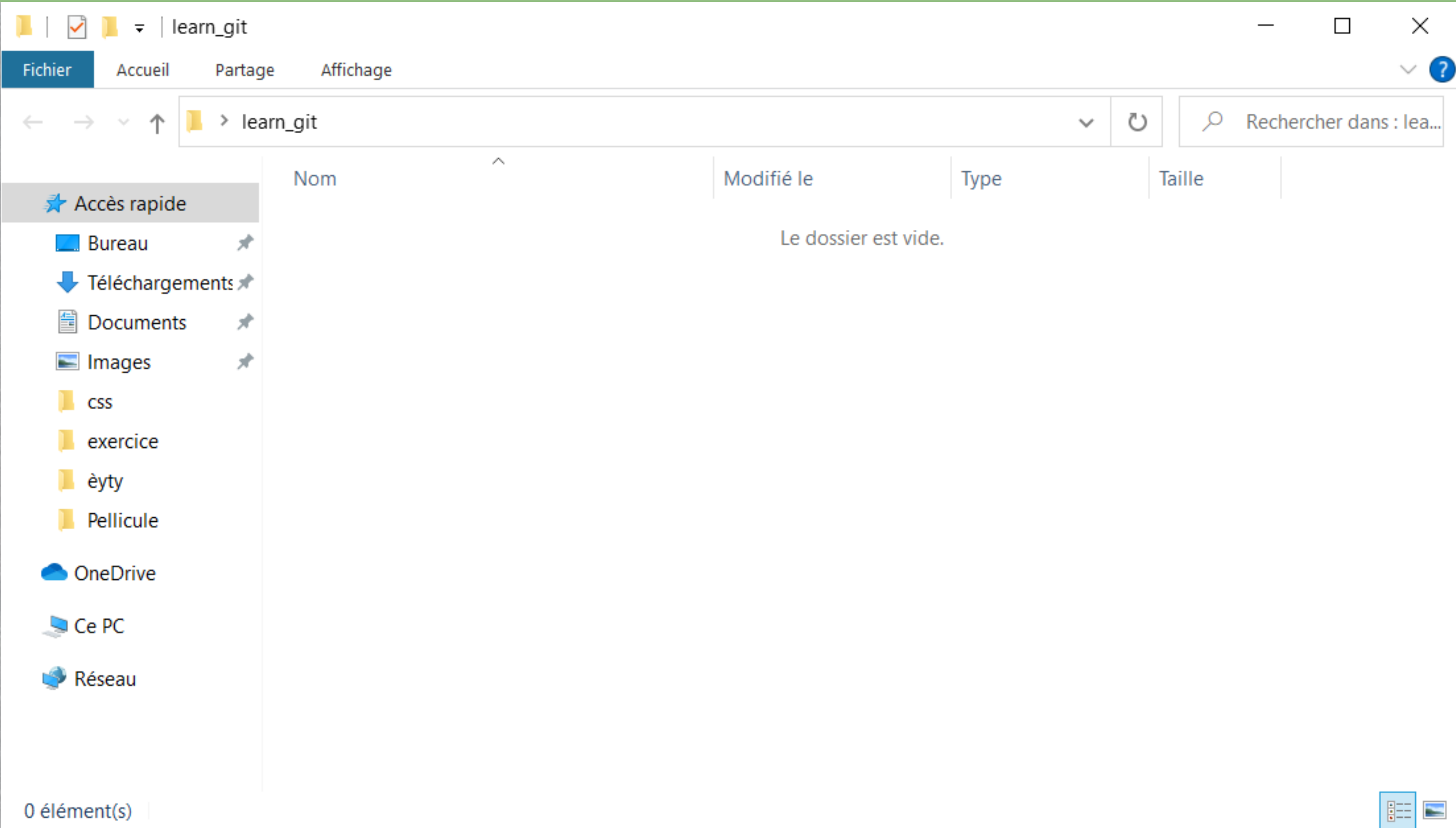


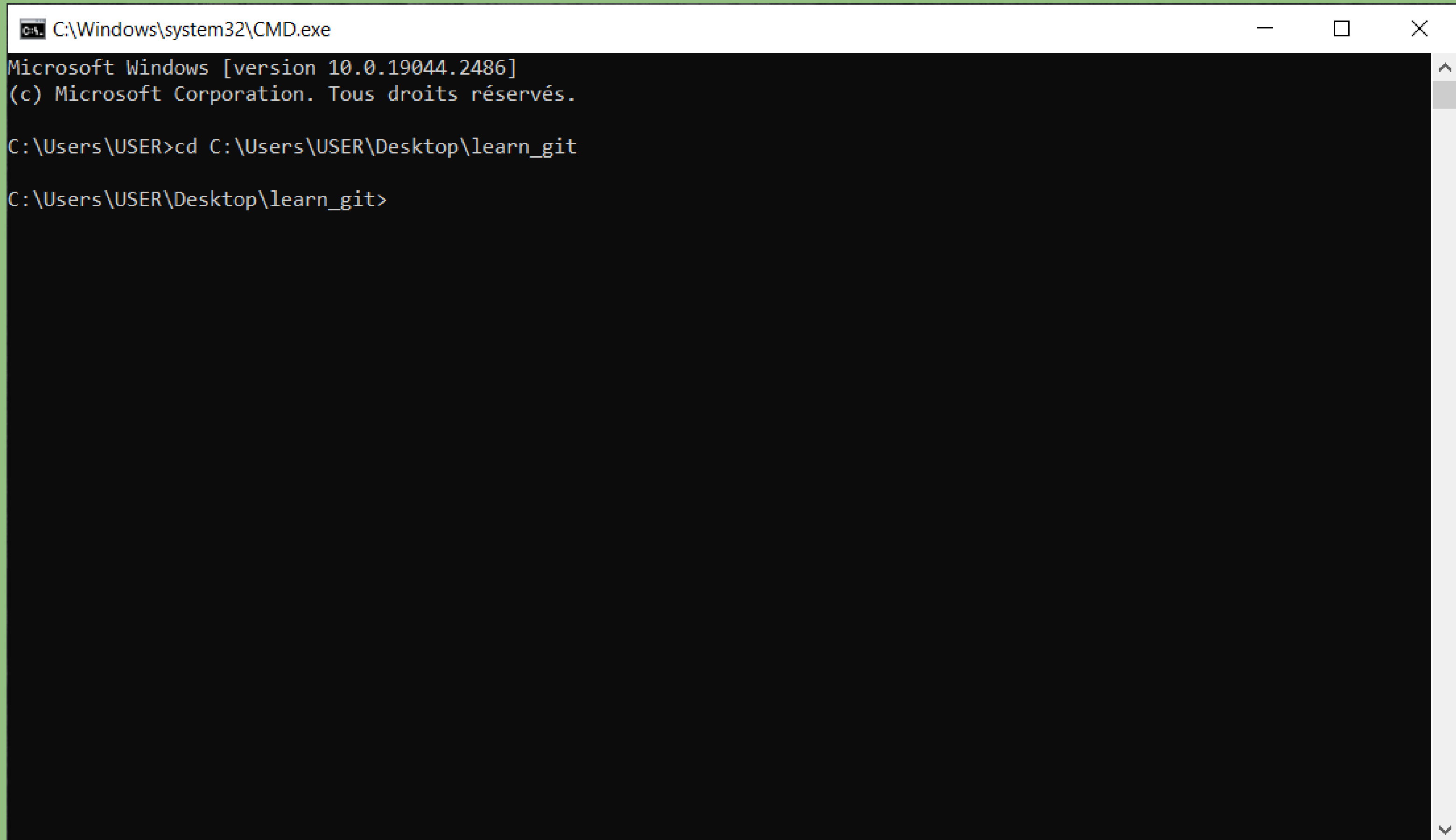


# **CHECKPOINT N°2**

# 1. Create a folder called learn\_git.



## 2. Cd (change directory) into the learn\_git folder.

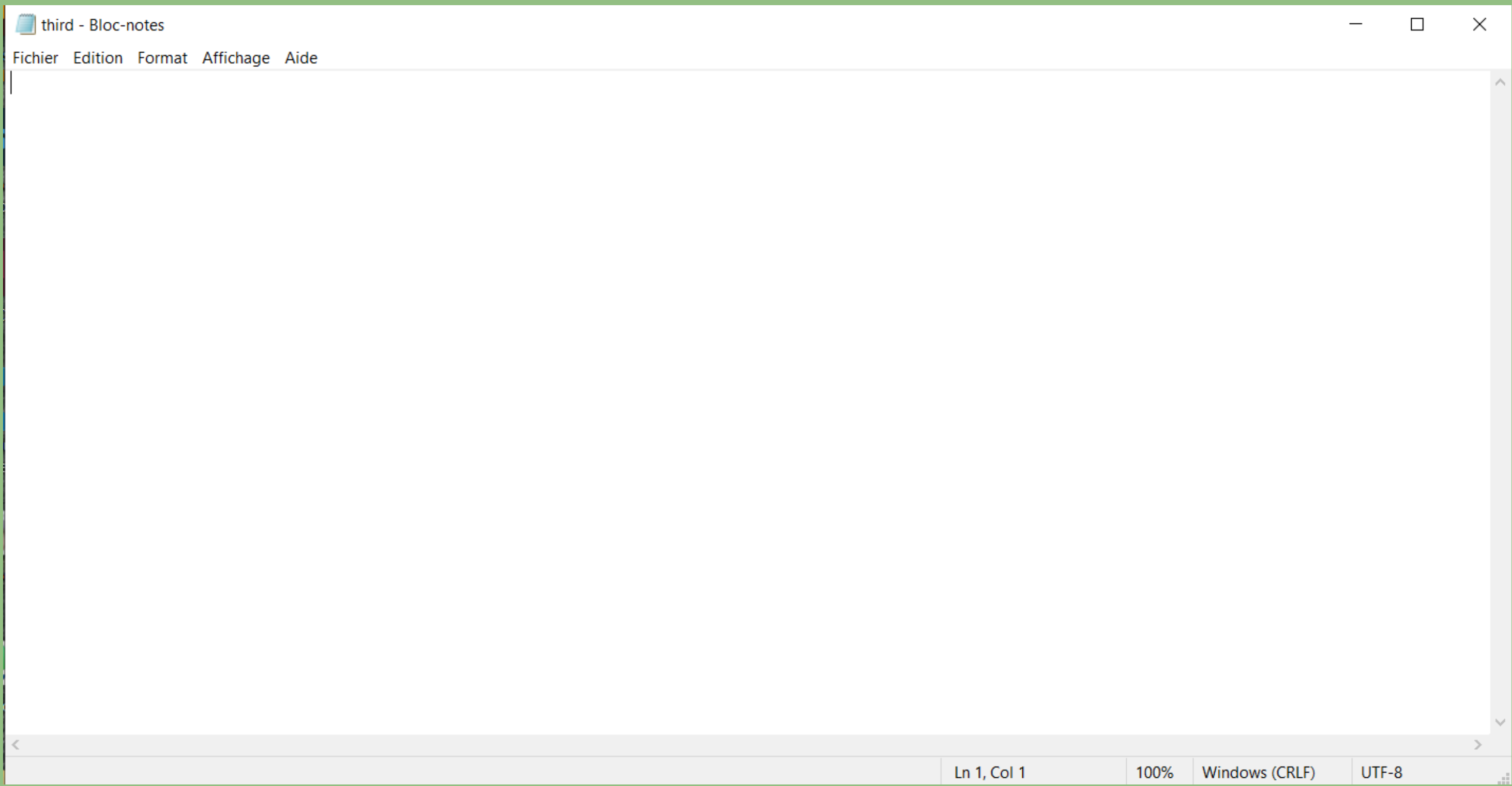


```
C:\Windows\system32\CMD.exe
Microsoft Windows [version 10.0.19044.2486]
(c) Microsoft Corporation. Tous droits réservés.

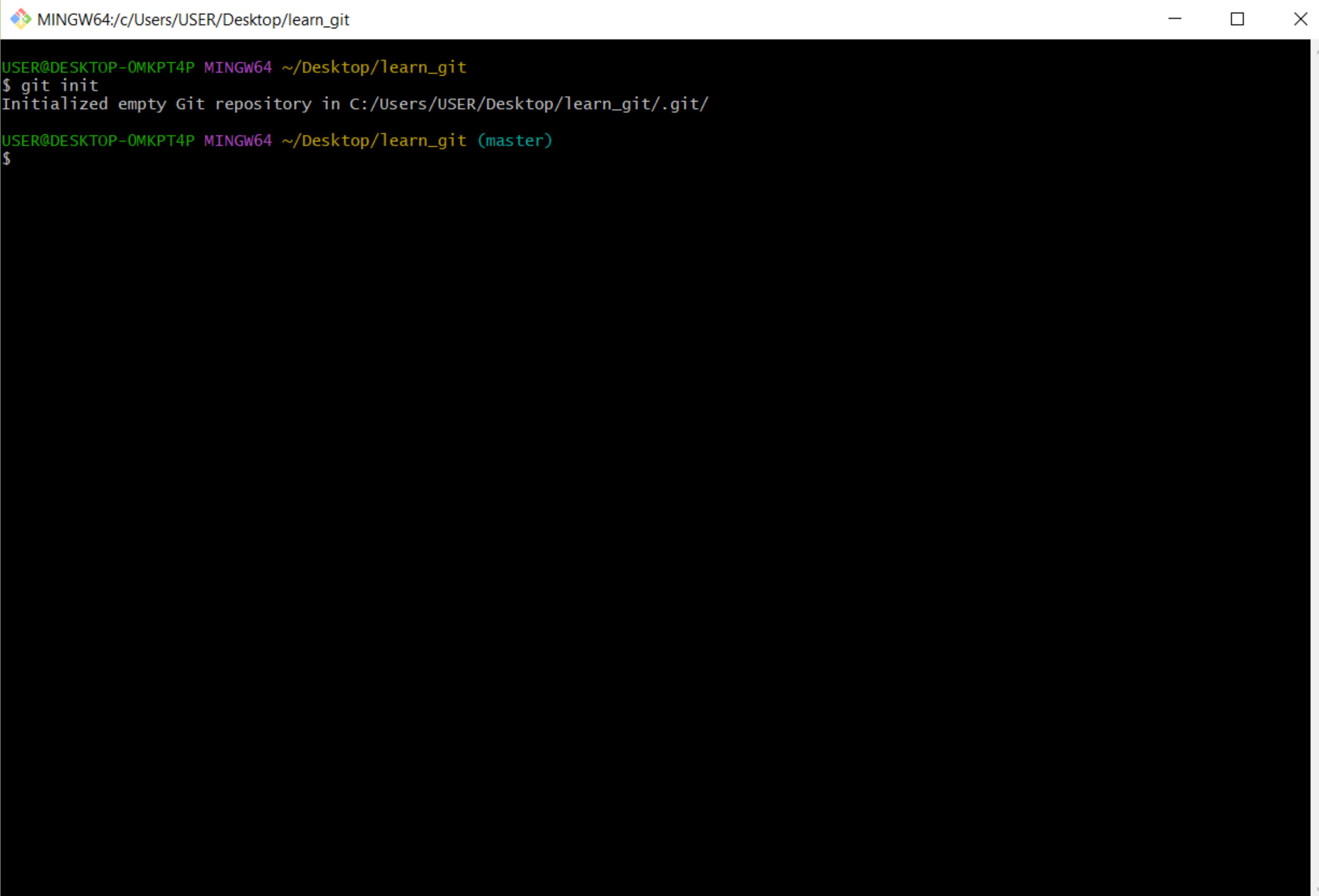
C:\Users\USER>cd C:\Users\USER\Desktop\learn_git

C:\Users\USER\Desktop\learn_git>
```

3. create a file called **third.txt**.

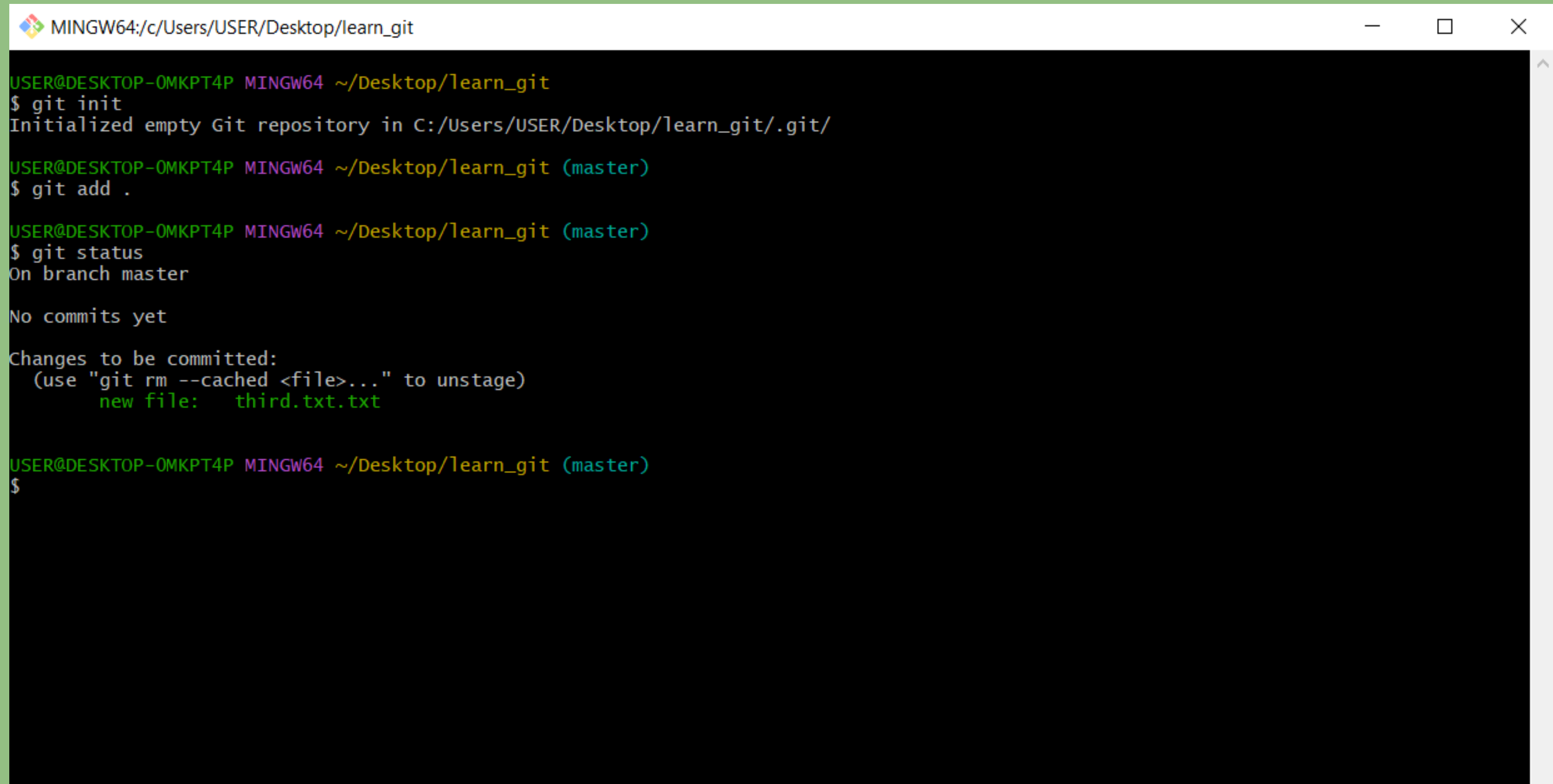


## 4. Initialize an empty git repository.

A screenshot of a Windows terminal window titled "MINGW64:/c/Users/USER/Desktop/learn\_git". The terminal shows the execution of the "git init" command, which successfully initializes an empty Git repository in the current directory. The prompt then changes to indicate the current branch is "master".

```
MINGW64:/c/Users/USER/Desktop/learn_git
USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git
$ git init
Initialized empty Git repository in C:/Users/USER/Desktop/learn_git/.git/
USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$
```

## 5. Add third.txt to the staging area.



```
MINGW64:/c/Users/USER/Desktop/learn_git
USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git
$ git init
Initialized empty Git repository in C:/Users/USER/Desktop/learn_git/.git/

USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ git add .

USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   third.txt.txt

USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$
```

## 6. commit with the message "adding third.txt".

```
MINGW64:/c/Users/USER/Desktop/learn_git
new file:   third.txt

USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ git commit -m "adding third.txt"
Author identity unknown

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'USER@DESKTOP-0MKPT4P.(none)')

USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ git config --global user.email "nesrine.laabidi20@gmail.com"

USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ git config --global user.name "Nesrine"

USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/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/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.email=nesrine.laabidi20@gmail.com
user.name=Nesrine
core.repositoryformatversion=0
core.filemode=false
core.bare=false
core.logallrefupdates=true
core.symlinks=false
core.ignorecase=true

USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 2018926] adding third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 third.txt

USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$
```

## 7. Check out your commit with git log.

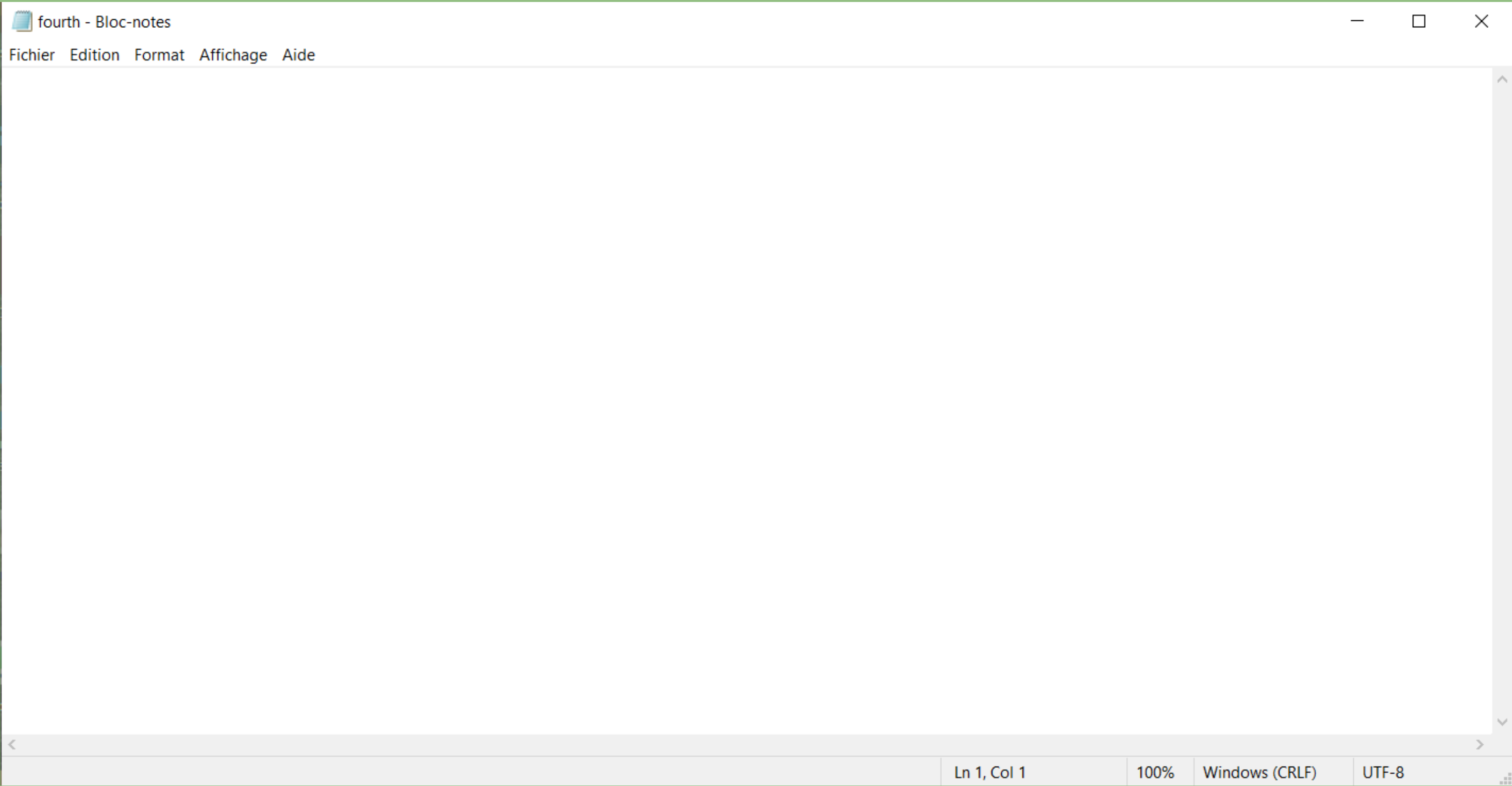
```
USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ git log
commit 2018926b99677a81dbe185ccb8b09c6ba39f96bf (HEAD -> master)
Author: Nesrine <nesrine.laabidi20@gmail.com>
Date:   Wed Feb 1 17:29:49 2023 +0100

    adding third.txt

USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$
```



# 8. Create another file called fourth.txt.



9. Add fourth.txt to the staging area.

```
USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ git add fourth.txt
```

```
USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ |
```

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

```
USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ git commit -m "adding fourth.txt"
[master e58d23f] adding fourth.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 fourth.txt

USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$
```

## 11. Remove the third.txt file.

```
USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ git rm --cached third.txt
rm 'third.txt'
```

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

```
USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ git add .
```

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

```
USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ git commit -m "removing third.txt"
[master 7a7e3ea] removing third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 third.txt
```

## 14. Check out your commits using git log.

```
USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ git log
commit 7a7e3ea74412402bed0914ae0b3e30314e4c3ccc (HEAD -> master)
Author: Nesrine <nesrine.laabidi20@gmail.com>
Date:   Wed Feb 1 21:44:26 2023 +0100

    removing third.txt

commit 5bbf6d8cbd1750d93c486b4aaab45ee6e533bc79
Author: Nesrine <nesrine.laabidi20@gmail.com>
Date:   Wed Feb 1 18:48:51 2023 +0100

    adding fourth.txt

commit 4aa7eafc6134cbb487070a6e5e03757562a32f9e
Author: Nesrine <nesrine.laabidi20@gmail.com>
Date:   Wed Feb 1 18:46:22 2023 +0100

    adding third.txt
```

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

```
USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ git config --global core.pager 'cat'
```



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

```
USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/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/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.email=nesrine.laabidi20@gmail.com
user.name=Nesrine
core.pager=cat
core.repositoryformatversion=0
core.filemode=false
core.bare=false
core.logallrefupdates=true
core.symlinks=false
core.ignorecase=true
```

## 17. git config --global

```
USER@DESKTOP-0MKPT4P MINGW64 ~/Desktop/learn_git (master)
$ git config --global
usage: git config [<options>]

Config file location
  --global          use global config file
  --system          use system config file
  --local           use repository config file
  --worktree        use per-worktree config file
  -f, --file <file> use given config file
  --blob <blob-id>  read config from given blob object

Action
  --get             get value: name [value-pattern]
  --get-all        get all values: key [value-pattern]
  --get-regexp      get values for regexp: name-regex [value-pattern]
  --get-urlmatch    get value specific for the URL: section[.var] URL
  --replace-all    replace all matching variables: name value [value-pattern]
  --add            add a new variable: name value
  --unset          remove a variable: name [value-pattern]
  --unset-all      remove all matches: name [value-pattern]
  --rename-section  rename section: old-name new-name
  --remove-section  remove a section: name
  -l, --list        list all
  --fixed-value     use string equality when comparing values to 'value-pattern'
  -e, --edit        open an editor
  --get-color       find the color configured: slot [default]
  --get-colorbool   find the color setting: slot [stdout-is-tty]

Type
  -t, --type <type> value is given this type
  --bool            value is "true" or "false"
  --int             value is decimal number
  --bool-or-int     value is --bool or --int
  --bool-or-str     value is --bool or string
  --path            value is a path (file or directory name)
  --expiry-date     value is an expiry date

Other
  -z, --null        terminate values with NUL byte
  --name-only       show variable names only
  --includes        respect include directives on lookup
  --show-origin     show origin of config (file, standard input, blob, command line)
  --show-scope      show scope of config (worktree, local, global, system, command)
  --default <value> with --get, use default value when missing entry
```