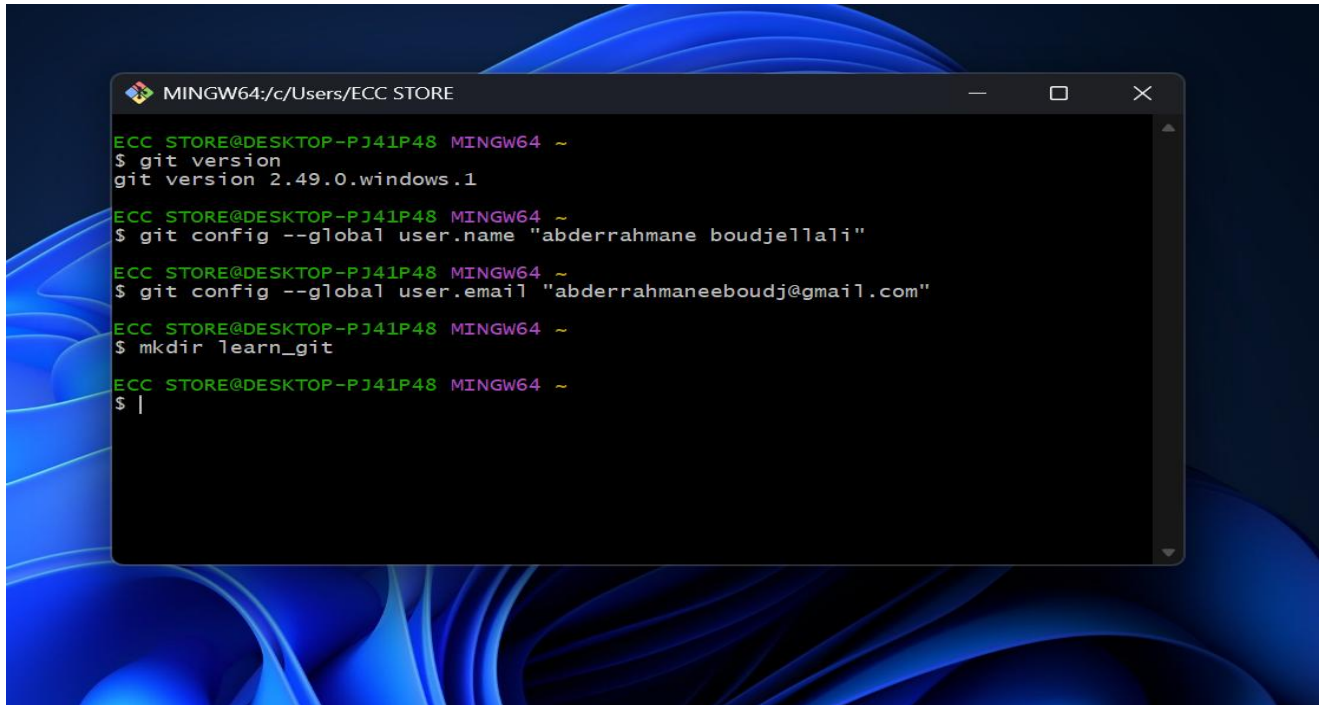


Student name : abderrahmane boudjellali

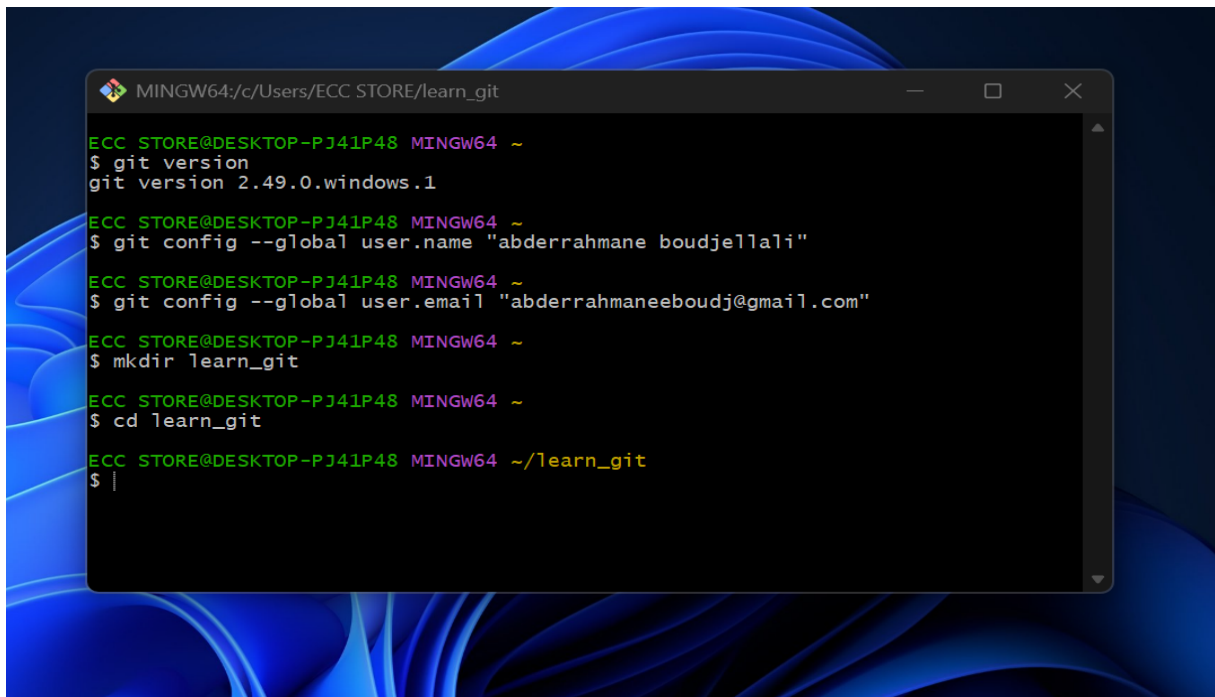
Git project

Step 1 : create a folder called learn_git

A terminal window titled 'MINGW64:/c/Users/ECC STORE' with a blue wavy background. It shows the execution of several Git commands: checking the version, setting global user name and email, and creating a new directory named 'learn_git'.

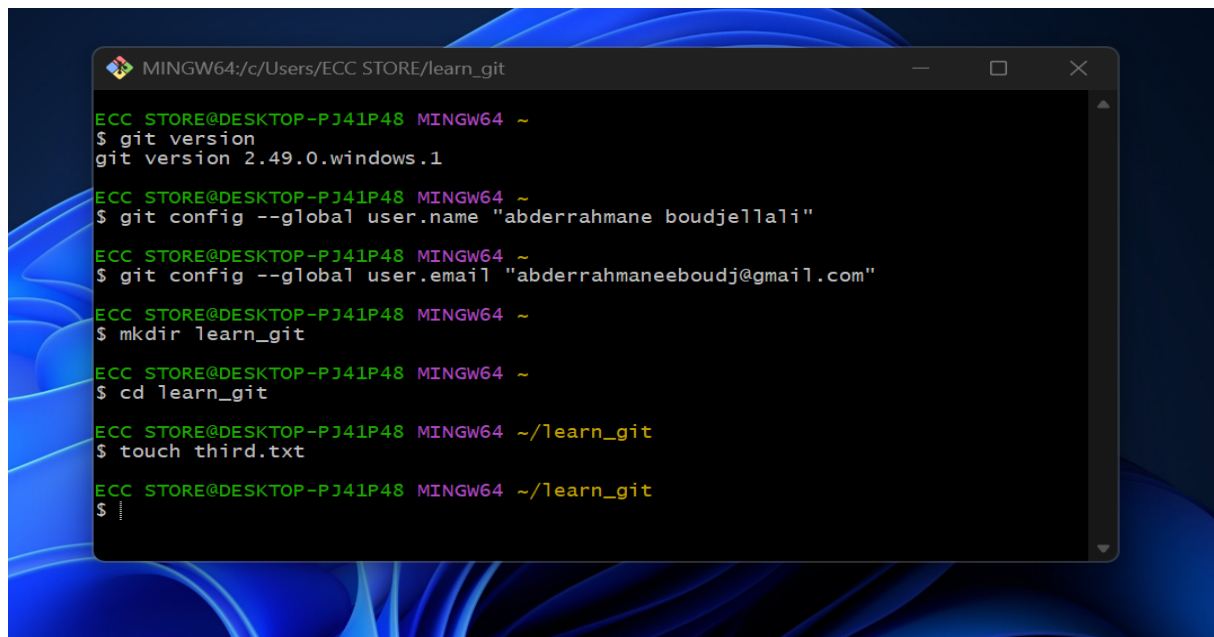
```
MINGW64:/c/Users/ECC STORE
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~
$ git version
git version 2.49.0.windows.1
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~
$ git config --global user.name "abderrahmane boudjellali"
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~
$ git config --global user.email "abderrahmaneeboudj@gmail.com"
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~
$ mkdir learn_git
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~
$ |
```

Step 2 : cd (change directory) into the learn_git folder

A terminal window titled 'MINGW64:/c/Users/ECC STORE/learn_git' with a blue wavy background. It shows the same setup commands as the previous window, followed by the 'cd learn_git' command, which changes the current directory to the newly created 'learn_git' folder.

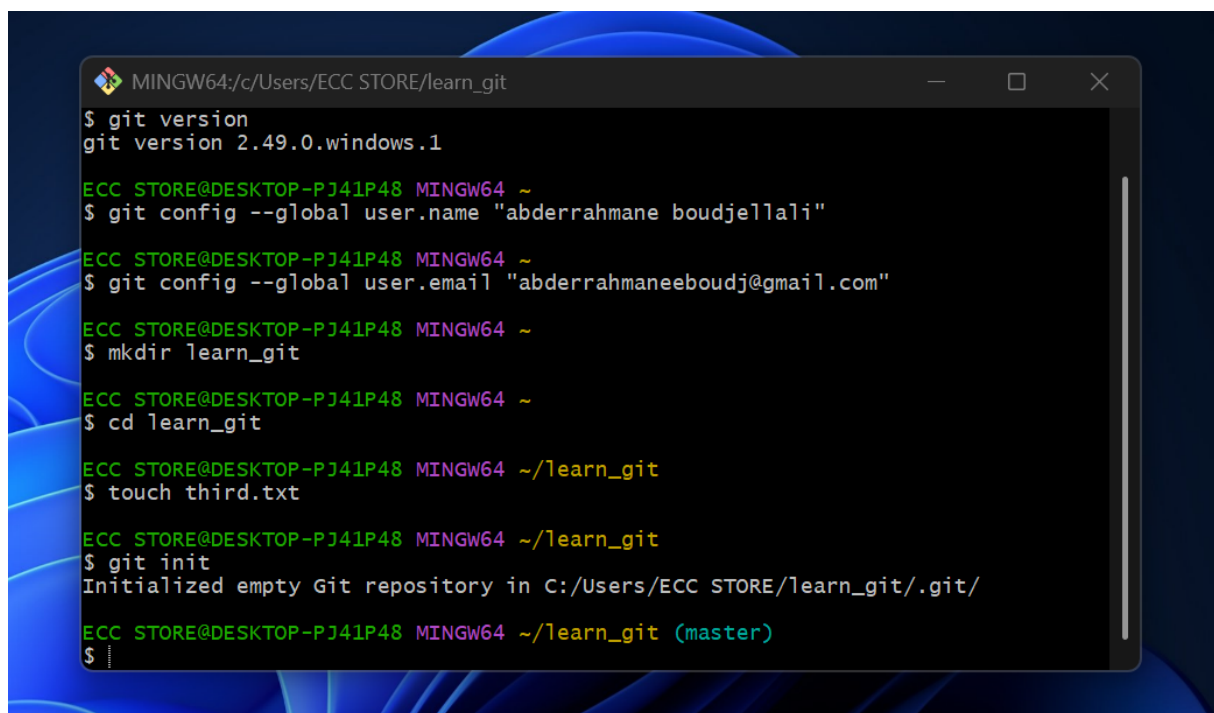
```
MINGW64:/c/Users/ECC STORE/learn_git
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~
$ git version
git version 2.49.0.windows.1
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~
$ git config --global user.name "abderrahmane boudjellali"
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~
$ git config --global user.email "abderrahmaneeboudj@gmail.com"
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~
$ mkdir learn_git
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~
$ cd learn_git
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git
$ |
```

Step 3 : create a file called third.txt :

A terminal window titled 'MINGW64:/c/Users/ECC STORE/learn_git' with a blue background. It shows the following commands and output:

```
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~  
$ git version  
git version 2.49.0.windows.1  
  
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~  
$ git config --global user.name "abderrahmane boudjellali"  
  
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~  
$ git config --global user.email "abderrahmaneeboudj@gmail.com"  
  
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~  
$ mkdir learn_git  
  
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~  
$ cd learn_git  
  
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git  
$ touch third.txt  
  
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git  
$
```

Step 4 : initialize an empty git repository

A terminal window titled 'MINGW64:/c/Users/ECC STORE/learn_git' with a blue background. It shows the following commands and output:

```
$ git version  
git version 2.49.0.windows.1  
  
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~  
$ git config --global user.name "abderrahmane boudjellali"  
  
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~  
$ git config --global user.email "abderrahmaneeboudj@gmail.com"  
  
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~  
$ mkdir learn_git  
  
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~  
$ cd learn_git  
  
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git  
$ touch third.txt  
  
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git  
$ git init  
Initialized empty Git repository in C:/Users/ECC STORE/learn_git/.git/  
  
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)  
$
```

Step 5 : add third.txt to the staging area :

```
MINGW64:/c/Users/ECC STORE/learn_git
$ git config --global user.email "abderrahmaneaboudj@gmail.com"

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~
$ mkdir learn_git

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~
$ cd learn_git

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git
$ touch third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git
$ git init
Initialized empty Git repository in C:/Users/ECC STORE/learn_git/.git/

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git add thirt.txt
fatal: pathspec 'thirt.txt' did not match any files

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git add third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$
```

Step 6 : commit with message "adding third.txt"

```
MINGW64:/c/Users/ECC STORE/learn_git
$ cd learn_git

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git
$ touch third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git
$ git init
Initialized empty Git repository in C:/Users/ECC STORE/learn_git/.git/

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git add thirt.txt
fatal: pathspec 'thirt.txt' did not match any files

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git add third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 482f520] adding third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$
```

Step 7 : check out your commit with git log

```
MINGW64:/c/Users/ECC STORE/learn_git

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git add thirt.txt
fatal: pathspec 'thirt.txt' did not match any files

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git add third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 482f520] adding third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git log
commit 482f520c1f04118e6664d453649ed66abfdafc0f (HEAD -> master)
Author: abderrahmane boudjellali <abderrahmaneeboudj@gmail.com>
Date: Sun Jun 1 03:04:42 2025 +0100

    adding third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ |
```

Step 8 : create another file called fourth.txt

```
MINGW64:/c/Users/ECC STORE/learn_git

fatal: pathspec 'thirt.txt' did not match any files

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git add third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 482f520] adding third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git log
commit 482f520c1f04118e6664d453649ed66abfdafc0f (HEAD -> master)
Author: abderrahmane boudjellali <abderrahmaneeboudj@gmail.com>
Date: Sun Jun 1 03:04:42 2025 +0100

    adding third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ touch fourth.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ |
```

Step 9 : add fourth.txt to the staging area

```
MINGW64:/c/Users/ECC STORE/learn_git
$ git add third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 482f520] adding third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git log
commit 482f520c1f04118e6664d453649ed66abfdafc0f (HEAD -> master)
Author: abderrahmane boudjellali <abderrahmaneeboudj@gmail.com>
Date: Sun Jun 1 03:04:42 2025 +0100

    adding third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ touch fourth.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git add fourth.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ |
```

Step 10 : commit with the message "adding fourth.txt"

```
create mode 100644 third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git log
commit 482f520c1f04118e6664d453649ed66abfdafc0f (HEAD -> master)
Author: abderrahmane boudjellali <abderrahmaneeboudj@gmail.com>
Date: Sun Jun 1 03:04:42 2025 +0100

    adding third.txt

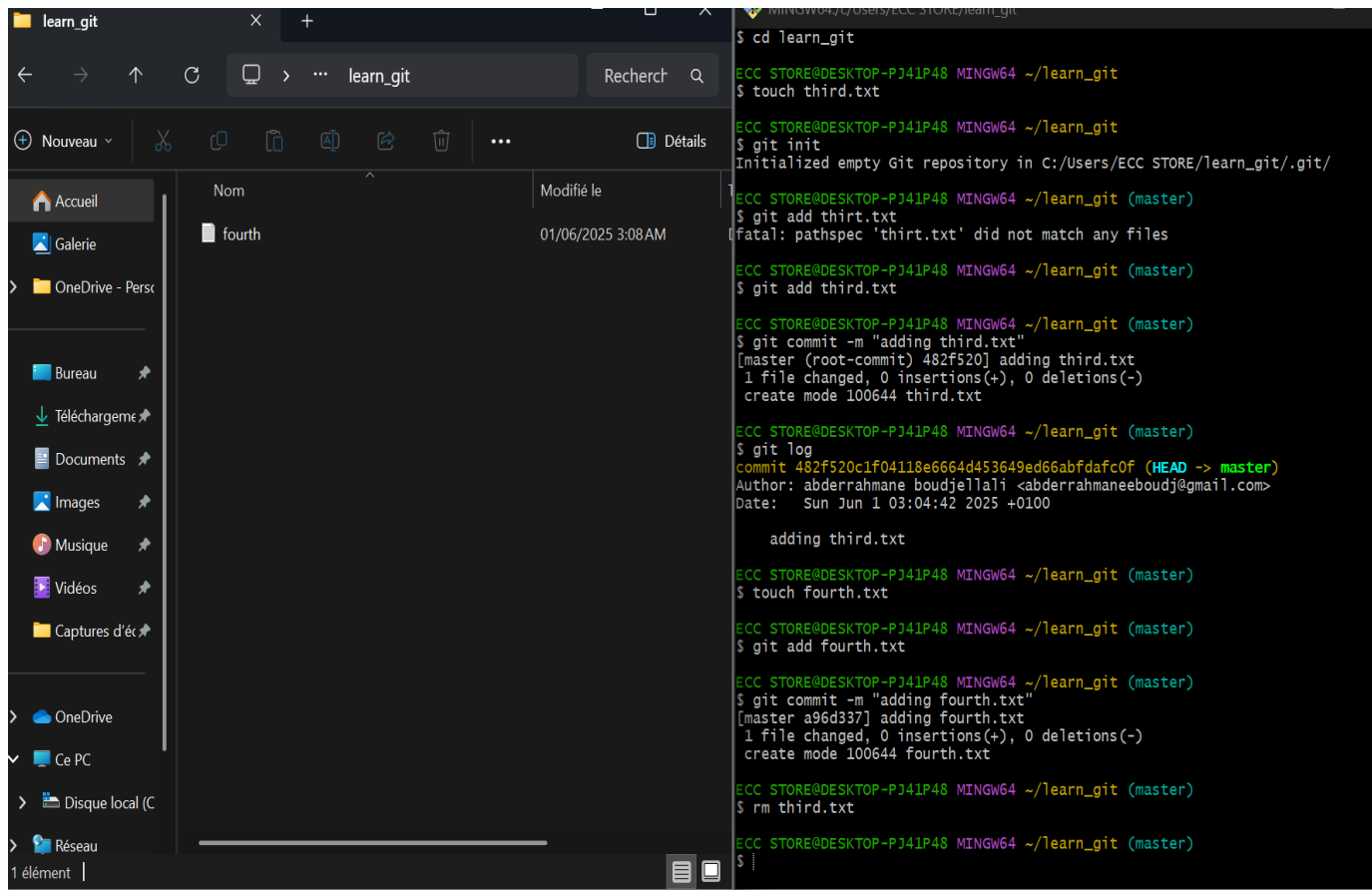
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ touch fourth.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git add fourth.txt

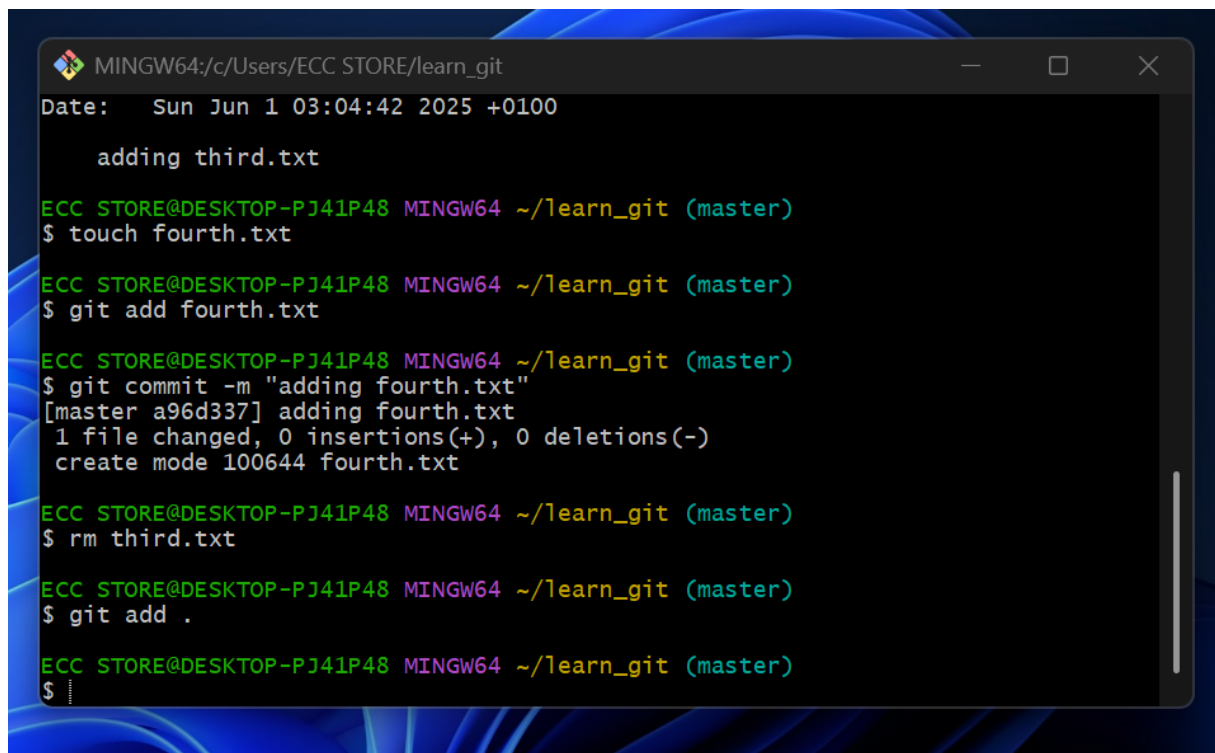
ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git commit -m "adding fourth.txt"
[master a96d337] adding fourth.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 fourth.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ |
```

Step 11 :remove the third.txt file



Step 12 : add this change to the staging area . using the command « git add . »



Step 13 : commit with message “ removing third.txt ”


```
MINGW64:/c/Users/ECC STORE/learn_git

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git add fourth.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git commit -m "adding fourth.txt"
[master a96d337] adding fourth.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 fourth.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ rm third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git add .

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git commit -m "removing third.txt"
[master 78f3dfc] removing third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ |
```

Step 14 :checkout your commits using git log

```
MINGW64:/c/Users/ECC STORE/learn_git

delete mode 100644 third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git log
commit 78f3dfcdf8e1da7d0c89e72ce17a100a916c68a7 (HEAD -> master)
Author: abderrahmane boudjellali <abderrahmaneeboudj@gmail.com>
Date: Sun Jun 1 03:18:19 2025 +0100

    removing third.txt

commit a96d3375b79135d89d3c4d8979c27dd526cb4588
Author: abderrahmane boudjellali <abderrahmaneeboudj@gmail.com>
Date: Sun Jun 1 03:11:41 2025 +0100

    adding fourth.txt

commit 482f520c1f04118e6664d453649ed66abfdafc0f
Author: abderrahmane boudjellali <abderrahmaneeboudj@gmail.com>
Date: Sun Jun 1 03:04:42 2025 +0100

    adding third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ |
```

Step 15 : change your global settings to core.pager=cat – you read more about that here

```
MINGW64:/c/Users/ECC STORE/learn_git
$ git log
commit 78f3dfcdf8e1da7d0c89e72ce17a100a916c68a7 (HEAD -> master)
Author: abderrahmane boudjellali <abderrahmaneeboudj@gmail.com>
Date: Sun Jun 1 03:18:19 2025 +0100

    removing third.txt

commit a96d3375b79135d89d3c4d8979c27dd526cb4588
Author: abderrahmane boudjellali <abderrahmaneeboudj@gmail.com>
Date: Sun Jun 1 03:11:41 2025 +0100

    adding fourth.txt

commit 482f520c1f04118e6664d453649ed66abfdafc0f
Author: abderrahmane boudjellali <abderrahmaneeboudj@gmail.com>
Date: Sun Jun 1 03:04:42 2025 +0100

    adding third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git config --global core.pager cat

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$
```

Step 16 :write the appropriate command to list the global configurations for git on your machine

```
MINGW64:/c/Users/ECC STORE/learn_git

    adding fourth.txt

commit 482f520c1f04118e6664d453649ed66abfdafc0f
Author: abderrahmane boudjellali <abderrahmaneeboudj@gmail.com>
Date: Sun Jun 1 03:04:42 2025 +0100

    adding third.txt

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git config --global core.pager cat

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$ git config --global --list
user.name=abderrahmane boudjellali
user.email=abderrahmaneeboudj@gmail.com
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
core.pager=cat

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)
$
```

Step 17 :you can type git config –global to find out how to do this



MINGW64:/c/Users/ECC STORE/learn_git



```
user.name=abderrahmane boudjellali
user.email=abderrahmaneeboudj@gmail.com
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
core.pager=cat
```

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)

```
$ git config --global
error: no action specified
```

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)

```
$ git config --global --list
user.name=abderrahmane boudjellali
user.email=abderrahmaneeboudj@gmail.com
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
core.pager=cat
```

ECC STORE@DESKTOP-PJ41P48 MINGW64 ~/learn_git (master)

```
$
```