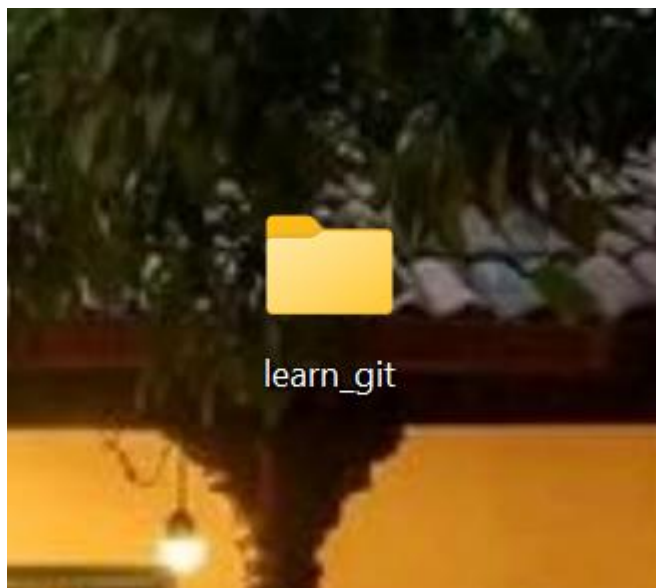**1. Create a folder called `learn_git` and navigate into it**


```
MINGW32:/c/Users/pc/Desktop/learn_git

pc@DESKTOP-H5U1VE0 MINGW32 /
$ cd ~Desktop
bash: cd: ~Desktop: No such file or directory

pc@DESKTOP-H5U1VE0 MINGW32 /
$ cd ~/Desktop

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop
$ cd learn_git

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ |
```

3. Create a third.text file and Initialize an empty Git repository

```
MINGW32:/c/Users/pc/Desktop/learn_git

pc@DESKTOP-H5U1VE0 MINGW32 /
$ cd ~Desktop
bash: cd: ~Desktop: No such file or directory

pc@DESKTOP-H5U1VE0 MINGW32 /
$ cd ~/Desktop

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop
$ cd learn_git

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ touch third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ git init
Initialized empty Git repository in C:/Users/pc/Desktop/learn_git/.git/

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ |
```

4. Add `third.txt` **to the staging area**


```
MINGW32:/c/Users/pc/Desktop/learn_git

pc@DESKTOP-H5U1VE0 MINGW32 /
$ cd ~Desktop
bash: cd: ~Desktop: No such file or directory

pc@DESKTOP-H5U1VE0 MINGW32 /
$ cd ~/Desktop

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop
$ cd learn_git

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ touch third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ git init
Initialized empty Git repository in C:/Users/pc/Desktop/learn_git/.git/

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ |
```

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

```
MINGW32:/c/Users/pc/Desktop/learn_git

pc@DESKTOP-H5U1VE0 MINGW32 /
$ cd ~Desktop
bash: cd: ~Desktop: No such file or directory

pc@DESKTOP-H5U1VE0 MINGW32 /
$ cd ~/Desktop

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop
$ cd learn_git

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ touch third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ git init
Initialized empty Git repository in C:/Users/pc/Desktop/learn_g

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commmit -m "adding third.text file"
git: 'commmit' is not a git command. See 'git --help'.

The most similar command is
        commit

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 7429723] adding third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 third.text
```

6. Check out commit history

```
pc@DESKTOP-H5U1VE0 MINGW32 /
$ cd ~Desktop
bash: cd: ~Desktop: No such file or directory

pc@DESKTOP-H5U1VE0 MINGW32 /
$ cd ~/Desktop

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop
$ cd learn_git

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ touch third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ git init
Initialized empty Git repository in C:/Users/pc/Desktop/learn_git/.git/

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commmit -m "adding third.text file"
git: 'commmit' is not a git command. See 'git --help'.

The most similar command is
        commit

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 7429723] adding third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git log
commit 74297234446ebe583060ec426409fc400b0d6fe4 (HEAD -> master)
Author: vxcbwj <sarah.gacem5@gmail.com>
Date:   Sun Jun 8 02:38:48 2025 +0100

    adding third.txt
```

7. Create another file called `fourth.txt`

```
pc@DESKTOP-H5U1VE0 MINGW32 /
$ cd ~Desktop
bash: cd: ~Desktop: No such file or directory

pc@DESKTOP-H5U1VE0 MINGW32 /
$ cd ~/Desktop

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop
$ cd learn_git

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ touch third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ git init
Initialized empty Git repository in C:/Users/pc/Desktop/learn_git/.git/

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commmit -m "adding third.text file"
git: 'commmit' is not a git command. See 'git --help'.

The most similar command is
        commit

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 7429723] adding third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git log
commit 74297234446ebe583060ec426409fc400b0d6fe4 (HEAD -> master)
Author: vxcbwj <sarah.gacem5@gmail.com>
Date:   Sun Jun 8 02:38:48 2025 +0100

    adding third.txt

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ touch fourth.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ |
```

8. Add fourth.txt **to the staging area**

```
MINGW32:/c/Users/pc/Desktop/learn_git
$ cd ~Desktop
bash: cd: ~Desktop: No such file or directory

pc@DESKTOP-H5U1VEO MINGW32 /
$ cd ~/Desktop

pc@DESKTOP-H5U1VEO MINGW32 ~/Desktop
$ cd learn_git

pc@DESKTOP-H5U1VEO MINGW32 ~/Desktop/learn_git
$ touch third.text

pc@DESKTOP-H5U1VEO MINGW32 ~/Desktop/learn_git
$ git init
Initialized empty Git repository in C:/Users/pc/Desktop/learn_git/.git/

pc@DESKTOP-H5U1VEO MINGW32 ~/Desktop/learn_git (master)
$ git add third.text

pc@DESKTOP-H5U1VEO MINGW32 ~/Desktop/learn_git (master)
$ git commmit -m "adding third.text file"
git: 'commmit' is not a git command. See 'git --help'.

The most similar command is
        commit

pc@DESKTOP-H5U1VEO MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 7429723] adding third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 third.text

pc@DESKTOP-H5U1VEO MINGW32 ~/Desktop/learn_git (master)
$ git log
commit 74297234446ebe583060ec426409fc400b0d6fe4 (HEAD -> master)
Author: vxcbwj <sarah.gacem5@gmail.com>
Date:   Sun Jun 8 02:38:48 2025 +0100

    adding third.txt

pc@DESKTOP-H5U1VEO MINGW32 ~/Desktop/learn_git (master)
$ touch fourth.text

pc@DESKTOP-H5U1VEO MINGW32 ~/Desktop/learn_git (master)
$ git add fourth.text
```

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

MINGW32:/c/Users/pc/Desktop/learn_git

```
pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop
$ cd learn_git

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ touch third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ git init
Initialized empty Git repository in C:/Users/pc/Desktop/learn_git/.git/

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commmit -m "adding third.text file"
git: 'commmit' is not a git command. See 'git --help'.

The most similar command is
        commit

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 7429723] adding third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git log
commit 74297234446ebe583060ec426409fc400b0d6fe4 (HEAD -> master)
Author: vxcbwj <sarah.gacem5@gmail.com>
Date:   Sun Jun 8 02:38:48 2025 +0100

    adding third.txt

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ touch fourth.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add fourth.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "adding fourth.text file "
[master 8a2dc5b] adding fourth.text file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 fourth.text
```

10.Remove the third.txt file

```
MINGW32:/c/Users/pc/Desktop/learn_git

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ touch third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ git init
Initialized empty Git repository in C:/Users/pc/Desktop/learn_git/.git/

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commmit -m "adding third.text file"
git: 'commmit' is not a git command. See 'git --help'.

The most similar command is
        commit

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 7429723] adding third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git log
commit 74297234446ebe583060ec426409fc400b0d6fe4 (HEAD -> master)
Author: vxcbwj <sarah.gacem5@gmail.com>
Date:   Sun Jun 8 02:38:48 2025 +0100

    adding third.txt

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ touch fourth.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add fourth.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "adding fourth.text file "
[master 8a2dc5b] adding fourth.text file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 fourth.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ rm third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$
```

11.Add the chnage to the staging area

MINGW32:/c/Users/pc/Desktop/learn_git

```
pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git
$ git init
Initialized empty Git repository in C:/Users/pc/Desktop/learn_git/.git/

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commmit -m "adding third.text file"
git: 'commmit' is not a git command. See 'git --help'.

The most similar command is
        commit

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 7429723] adding third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git log
commit 74297234446ebe583060ec426409fc400b0d6fe4 (HEAD -> master)
Author: vxcbwj <sarah.gacem5@gmail.com>
Date:   Sun Jun 8 02:38:48 2025 +0100

    adding third.txt

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ touch fourth.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add fourth.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "adding fourth.text file "
[master 8a2dc5b] adding fourth.text file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 fourth.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ rm third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add .

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
```

12.commit the chnages

```
MINGW32:/c/Users/pc/Desktop/learn_git

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commmit -m "adding third.text file"
git: 'commmit' is not a git command. See 'git --help'.

The most similar command is
        commit

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 7429723] adding third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git log
commit 74297234446ebe583060ec426409fc400b0d6fe4 (HEAD -> master)
Author: vxcbwj <sarah.gacem5@gmail.com>
Date:   Sun Jun 8 02:38:48 2025 +0100

    adding third.txt

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ touch fourth.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add fourth.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "adding fourth.text file "
[master 8a2dc5b] adding fourth.text file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 fourth.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ rm third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add .

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "removed third.text file"
[master 84e2e90] removed third.text file
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
```

13.git log to check the commits

```
  MINGW32:/c/Users/pc/Desktop/learn_git

    adding third.txt

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ touch fourth.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add fourth.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "adding fourth.text file "
[master 8a2dc5b] adding fourth.text file
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 fourth.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ rm third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add .

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "removed third.text file"
[master 84e2e90] removed third.text file
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git log
commit 84e2e9062ca161c0f69aebacd94639ff647b95d2 (HEAD -> master)
Author: vxcbwj <sarah.gacem5@gmail.com>
Date:   Sun Jun 8 02:54:47 2025 +0100

    removed third.text file

commit 8a2dc5b00c742b23cb801d0d8a2a4ec9e36543b8
Author: vxcbwj <sarah.gacem5@gmail.com>
Date:   Sun Jun 8 02:50:35 2025 +0100

    adding fourth.text file

commit 74297234446ebe583060ec426409fc400b0d6fe4
Author: vxcbwj <sarah.gacem5@gmail.com>
Date:   Sun Jun 8 02:38:48 2025 +0100

    adding third.txt

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
```

14.Chnage global settings and list all global configs

```
MINGW32:/c/Users/pc/Desktop/learn_git

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ rm third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git add .

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git commit -m "removed third.text file"
[master 84e2e90] removed third.text file
 1 file changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 third.text

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git log
commit 84e2e9062ca161c0f69aebacd94639ff647b95d2 (HEAD -> master)
Author: vxcbwj <sarah.gacem5@gmail.com>
Date:   Sun Jun 8 02:54:47 2025 +0100

    removed third.text file

commit 8a2dc5b00c742b23cb801d0d8a2a4ec9e36543b8
Author: vxcbwj <sarah.gacem5@gmail.com>
Date:   Sun Jun 8 02:50:35 2025 +0100

    adding fourth.text file

commit 74297234446ebe583060ec426409fc400b0d6fe4
Author: vxcbwj <sarah.gacem5@gmail.com>
Date:   Sun Jun 8 02:38:48 2025 +0100

    adding third.txt

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git config --global core.pager "cat"

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ git config --global --list
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=vxcbwj
user.email=sarah.gacem5@gmail.com
core.pager=cat

pc@DESKTOP-H5U1VE0 MINGW32 ~/Desktop/learn_git (master)
$ |
```