1. Create a folder called learn_git

```
C:\Users\ASUS>cd Desktop\

C:\Users\ASUS\Desktop>mkdir learn_git
```

2. Cd (change directory) into the learn_git folder

```
C:\Users\ASUS\Desktop>cd learn_git

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

3. Create a file called third.txt

```
C:\Users\ASUS\Desktop\learn_git>echo>third.txt

C:\Users\ASUS\Desktop\learn_git>dir
 Le volume dans le lecteur C n'a pas de nom.
 Le numéro de série du volume est C421-BD38

 Répertoire de C:\Users\ASUS\Desktop\learn_git

01/12/2022  11:57    <DIR>          .
01/12/2022  11:57    <DIR>          ..
01/12/2022  11:57                24 third.txt
               1 fichier(s)               24 octets
               2 Rép(s)  83 126 521 856 octets libres
```

4. Initialize an empty git repository.

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

5. Add third.txt to the staging area.

```
C:\Users\ASUS\Desktop\learn_git>git add third.txt

C:\Users\ASUS\Desktop\learn_git>git status
On branch master

No commits yet

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

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

```
C:\Users\ASUS\Desktop\learn_git>git commit -m "adding third.txt"
[master (root-commit) 35b37cb] adding third.txt
 1 file changed, 1 insertion(+)
 create mode 100644 third.txt
```

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

```
C:\Users\ASUS\Desktop\learn_git>git log
commit 35b37cbaea668af99d482eb1092384d97a8d3cb6 (HEAD -> master)
Author: rania abdelli <abdellirania1@gmail.com>
Date:   Thu Dec 1 12:04:11 2022 +0100

    adding third.txt
```

**8. Push this file "third.txt" to GitHub Respositry**

```
C:\Users\ASUS\Desktop\learn_git>git remote add origin https://github.com/raniaabdelli/RepositryGit.git

C:\Users\ASUS\Desktop\learn_git>git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 264 bytes | 264.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/raniaabdelli/RepositryGit.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

**9. Create another file called fourth.txt.**

```
C:\Users\ASUS\Desktop\learn_git>echo>fourth.txt

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

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

```
C:\Users\ASUS\Desktop\learn_git>git add fourth.txt

C:\Users\ASUS\Desktop\learn_git>git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   fourth.txt

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

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

```
C:\Users\ASUS\Desktop\learn_git>git commit -m "adding fourth.txt"
[master 3ad6ec2] adding fourth.txt
 1 file changed, 1 insertion(+)
 create mode 100644 fourth.txt

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

**11. 8. Push this file "third.txt" to GitHub Respositry**

```
C:\Users\ASUS\Desktop\learn_git>git push -u origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 313 bytes | 313.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/raniaabdelli/RepositryGit.git
   54dc8ff..1fe2a03  master -> master
branch 'master' set up to track 'origin/master'.
```

**12. Remove the third.txt file.**

```
C:\Users\ASUS\Desktop\learn_git> git rm third.txt
rm 'third.txt'

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

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

```
C:\Users\ASUS\Desktop\learn_git>git add .
```

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

```
C:\Users\ASUS\Desktop\learn_git>git commit -m "removing third.txt"
[master 497eaa5] removing third.txt
 1 file changed, 1 deletion(-)
 delete mode 100644 third.txt
```

14. Check out your commits using git log.

```
:\Users\ASUS\Desktop\learn_git>git log
ommit 497eaa57f7a26d09d05fd60232dd3d427c8e996c (HEAD -> master)
uthor: rania abdelli <abdellirania1@gmail.com>
ate:    Thu Dec 1 12:39:19 2022 +0100

    removing third.txt

ommit 3ad6ec2f7ad41a0444dc70dcecd4efadc4c7d66f
uthor: rania abdelli <abdellirania1@gmail.com>
ate:    Thu Dec 1 12:17:48 2022 +0100

    adding fourth.txt

ommit 35b37cbaea668af99d482eb1092384d97a8d3cb6
uthor: rania abdelli <abdellirania1@gmail.com>
ate:    Thu Dec 1 12:04:11 2022 +0100

    adding third.txt
```

15. Push the current state to the GitHub repository

```
C:\Users\ASUS\Desktop\learn_git>git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (1/1), done.
Writing objects: 100% (2/2), 239 bytes | 19.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/raniaabdelli/RepositryGit.git
   1fe2a03..2e8bf31  master -> master
branch 'master' set up to track 'origin/master'.
```

| raniaabdelli removing third.txt | | 2e8bf31 21 minutes ago | 3 commits |
| --- | --- | --- | --- |
| fourth.txt | adding fourth.txt | | 26 minutes ago |

16. Change your global settings to core.pager=cat - you can read more about that here.

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

Accédez aux paramètres pour activer Windows.

17. Write the appropriate command to list all the global configurations for git on your

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

machine.

17. You can type git config --global to find out how to do this.

```
Invite de commandes
C:\Users\ASUS\Desktop\learn_git>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

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

18. Push these screenshots to the GitHub repository

```
C:\Users\ASUS\Desktop\learn_git>git status
On branch master
Your branch is up to date with 'origin/master'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        checkpointGitHub.docx
        ~$eckpointGitHub.docx

nothing added to commit but untracked files present (use "git add" to track)

C:\Users\ASUS\Desktop\learn_git>git add checkpointGitHub.docx

C:\Users\ASUS\Desktop\learn_git>git commit -m "Push these screenshots to the GitHub repository"
[master be71a8b] Push these screenshots to the GitHub repository
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 checkpointGitHub.docx

C:\Users\ASUS\Desktop\learn_git>git push -u origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 1.62 MiB | 67.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/raniaabdelli/RepositryGit.git
   2e8bf31..be71a8b  master -> master
branch 'master' set up to track 'origin/master'.
```