Git & gitHub Project

Create a folder called learn_git.

Cd (change directory) into the learn_git folder.

Create a file called third.txt.

Initialize an empty git repository.

Add third.txt to the staging area.

```
dell@Bahrouch MINGW64 ~/desktop/learn-git (master)
$ git add .

dell@Bahrouch MINGW64 ~/desktop/learn-git (master)
$ |
```

Commit with the message "adding third.txt".

```
dell@Bahrouch MINGW64 ~/desktop/learn-git (master)
$ git commit -m "adding third.txt"
[master (root-commit) f206eca] adding third.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 third.txt

dell@Bahrouch MINGW64 ~/desktop/learn-git (master)
```

Check out your commit with git log.

```
dell@Bahrouch MINGW64 ~/desktop/learn-git (master)
$ git log
commit f206eca3692ece2cd37a1938bf8c7824787a1c15 (HEAD -> master)
Author: bahrouchkov <elbahri.oussama@gmail.com>
Date:   Thu Jun 9 00:50:51 2022 +0100

    adding third.txt
```

Create another file called fourth.txt

```
dell@Bahrouch MINGW64 ~/desktop/learn-git (master)
$ touch fourth.txt
```

Add fourth.txt to the staging area.

```
dell@Bahrouch MINGW64 ~/desktop/learn-git (master)
$ git add fourth.txt
```

Commit with the message "adding fourth.txt"

```
dell@Bahrouch MINGW64 ~/desktop/learn-git (master)
$ git commit -m "adding fourth.txt"
[master d5e0316] adding fourth.txt
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 fourth.txt
```

Remove the third.txt file.

```
dell@Bahrouch MINGW64 ~/desktop/learn-git (master)
$ git rm "third.txt"
rm 'third.txt'
```

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

```
dell@Bahrouch MINGW64 ~/desktop/learn-git (master)
$ git add .

dell@Bahrouch MINGW64 ~/desktop/learn-git (master)
$ ls
fourth.txt
```

Commit with the message "removing third.txt".

```
dell@Bahrouch MINGW64 ~/desktop/learn-git (master)
$ git commit -m "removing third.txt"
```

Check out your commits using git log.

```
dell@Bahrouch MINGW64 ~/desktop/learn-git (master)
$ git log
commit 92487a9aac10a52f7782864693fcfa9072fa6261 (HEAD -> master)
Author: bahrouchkov <elbahri.oussama@gmail.com>
Date:   Thu Jun 9 01:38:46 2022 +0100

    removing third.txt

commit d5e031617a649bd02a5d79bf56d4a8fde4c3c820
Author: bahrouchkov <elbahri.oussama@gmail.com>
Date:   Thu Jun 9 01:05:54 2022 +0100

    adding fourth.txt

commit f206eca3692ece2cd37a1938bf8c7824787a1c15
Author: bahrouchkov <elbahri.oussama@gmail.com>
Date:   Thu Jun 9 00:50:51 2022 +0100

    adding third.txt
```

Change your global settings to core.pager=cat

```
dell@Bahrouch MINGW64 ~/desktop/learn-git (master)
$ git config --global core.pager "cat"

dell@Bahrouch MINGW64 ~/desktop/learn-git (master)
$ |
```

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

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

```
dell@Bahrouch 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
```