

Now that you have learned the basics of Git workflow, try running through it a couple of times on your own (see instructions).

At this checkpoint, you are asked to take screenshots for each step in the instructions section, then push these screenshots to the GitHub repository.

Instructions

1. Create a folder called learn_git.
2. Cd (change directory) into the learn_git folder.
3. Create a file called third.txt.
4. Initialize an empty git repository.
5. Add third.txt to the staging area.
6. Commit with the message "adding third.txt".
7. Check out your commit with git log.
8. Create another file called fourth.txt.
9. Add fourth.txt to the staging area.
10. Commit with the message "adding fourth.txt"
11. Remove the third.txt file.
12. Add this change to the staging area. (Using the command "git add .")
13. Commit with the message "removing third.txt".
14. Check out your commits using git log.
15. Change your global settings to core.pager=cat - you can read more about that [here](#).
16. Write the appropriate command to list all the global configurations for git on your machine.
17. You can type git config --global to find out how to do this.

```
Ibineim@HQ-CEMG-L81 MINGW64 ~
```

```
$ cd Desktop/
```

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop
```

```
$ mkdir learn_git
```

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop
```

```
$ cd learn_git
```

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git
```

```
$ touch third.txt
```

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git
```

```
$ ls
```

```
third.txt
```

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git
```

```
$ █
```

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git
$ git init
Initialized empty Git repository in C:/Users/Ibineim/Desktop/learn_git/.git/

Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ ls -a
./ ../ .git/ third.txt

Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ git config user.email
ibinebolaji@yahoo.com

Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    third.txt

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

Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ git add third.txt

Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$

Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ git commit
[master (root-commit) 4166a5c] adding third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 third.txt

Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$
```

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ git log
commit 4166a5c6c866ab262cf5dfbf433b370c4fbfa662 (HEAD -> master)
Author: ibinebolaji <ibinebolaji@yahoo.com>
Date:   Sun Jun 11 18:17:11 2023 +0100
```

adding third.txt

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ touch fourth.txt
```

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ git init
Reinitialized existing Git repository in C:/Users/Ibineim/Desktop/learn_git/.git/
```

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ git add fourth.txt
```

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ █
```

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ git commit
[master 72089da] adding fourth.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 fourth.txt
```

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ █
```

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ git rm third.txt
rm 'third.txt'
```

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ git add .
```

```
$ git log
commit 6a895cafa979b02181263e7c99ac19fb9261347f (HEAD -> master)
Author: ibinebolaji <ibinebolaji@yahoo.com>
Date:   Sun Jun 11 18:51:47 2023 +0100

    Please enter the commit message for your changes. Lines starting

commit 72089da2c2584d59a047ff5e21ce3896b8fc90e7
Author: ibinebolaji <ibinebolaji@yahoo.com>
Date:   Sun Jun 11 18:36:09 2023 +0100

    adding fourth.txt

commit 4166a5c6c866ab262cf5dfbf433b370c4fbfa662
Author: ibinebolaji <ibinebolaji@yahoo.com>
Date:   Sun Jun 11 18:17:11 2023 +0100

    adding third.txt

Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ █
```

```
Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)
$ git config --edit --global
```

```
Ibineim@HQ-CEMG-L81 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

Ibineim@HQ-CEMG-L81 MINGW64 ~/Desktop/learn_git (master)

\$