

NAMES : MBOUMBA TCHIMINU
FIRST-NAMES: LIONEL PAZUR
EMAIL : lionelmboumba5@gmail.com

GIT CHECKPOINT :

1-Creating a folder called learn_git :

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
bash - learn_git + v [ ] [ ] v

lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop$ mkdir learn_git
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop$ ls
learn_git
```

2, 3 and 4-Changing directory into the learn_git folder, Creating a file called third.txt and then Initializing an empty git repository :

```
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop$ cd learn_git
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ touch third.txt
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ ls
third.txt
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ git init
Initialized empty Git repository in /home/lionel-faith/Desktop/learn_git/.git/
```

5, 6 and 7- Adding third.txt to the staging area, Committing with the message “adding third.txt” and Checking out my commit with git log command line :

```
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ ls -a
.  ..  .git  third.txt
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ git add third.txt
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ git commit -m "adding third.txt"
[master (root-commit) e269836] adding third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 third.txt
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ git log
commit e26983691c770ab4c37f09be20a97f59c2ee4728 (HEAD -> master)
Author: Lionel-Faith <Lionel@FullstackJs.com>
Date:   Fri Aug 5 14:54:05 2022 +0100

    adding third.txt
```

8, 9, 10 and 11- Creating another file called fourth.txt, adding fourth.txt to the staging area, Committing with the message “adding fourth.txt and then removing the third.txt file :

```
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ touch fourth.txt
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ git add fourth.txt
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ git commit -m "adding fourth.txt"
[master c3bbf97] adding fourth.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 fourth.txt
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ git rm third.txt
rm 'third.txt'
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ ls
fourth.txt
```

12, 13 and 14- Adding this change to the staging area using the git add . Command, committing with the message “removing third.txt and Checking out my commits using git log :

```
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ git add .
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ git commit -m "removing third.txt"
[master 1f954ce] removing third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 third.txt
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ git log
commit 1f954ceb624f6d8157376eacfffbf6b8edb20ae2 (HEAD -> master)
Author: Lionel-Faith <Lionel@FullstackJs.com>
Date: Fri Aug 5 15:04:30 2022 +0100

    removing third.txt

commit c3bbf97d4838151f540aec71cba8750b3aa7ba28
Author: Lionel-Faith <Lionel@FullstackJs.com>
Date: Fri Aug 5 14:59:45 2022 +0100

    adding fourth.txt

commit e26983691c770ab4c37f09be20a97f59c2ee4728
Author: Lionel-Faith <Lionel@FullstackJs.com>
Date: Fri Aug 5 14:54:05 2022 +0100

    adding third.txt
```

15- Changing my global settings to core.pager=cat :

```
lionel-faith@lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ git config --global core.pager "cat"
```

16- Writing the appropriate command to list all the global configurations for git on my machine :

```
Lionel-faith@Lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$ git config --global --list
user.email=Lionel@FullstackJs.com
user.name=Lionel-Faith
core.pager=cat
```

17- Typing git config --global to find out how to do that :

```
Lionel-faith@Lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/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-regex]
--get-all	get all values: key [value-regex]
--get-regexp	get values for regexp: name-regex [value-regex]
--get-urlmatch	get value specific for the URL: section[.var] URL
--replace-all	replace all matching variables: name value [value_regex]
--add	add a new variable: name value
--unset	remove a variable: name [value-regex]
--unset-all	remove all matches: name [value-regex]
--rename-section	rename section: old-name new-name
--remove-section	remove a section: name
-l, --list	list all
-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 <>	value is given this type
--bool	value is "true" or "false"
--int	value is decimal number
--bool-or-int	value is --bool or --int
--path	value is a path (file or directory name)
--expiry-date	value is an expiry date

Other

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)
--default <value>	with --get, use default value when missing entry

```
Lionel-faith@Lionelfaith-Lenovo-IdeaPad-S145-15IWL:~/Desktop/learn_git$
```