

#### GIT & GITHUB PROJECT

CHECKPOINT OBJECTIVE

\$ mkdir learn\_git

ansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode

ansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode

'github testing'/ learn\_git/ 'siliders web'/

Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode

# SCREEN SHOT 1 CREATING LEARN\_GIT FOLDER



















- 0 X MINGW64:/c/Users/Mansour/Documents/rayen/gomycode/learn\_git Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode

\$ mkdir learn\_git Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode 'github testing'/ learn\_git/ 'siliders web'/ Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode \$ cd learn\_git Manspur@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git

#### SCREEN SHOT 2 CHANGING DIRECTORY















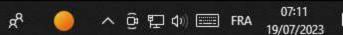












lansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode \$ mkdir learn\_git Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode 'github testing'/ learn\_git/ 'siliders web'/ Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode \$ cd learn\_git Manspur@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git \$ 75

Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git

MINGW64:/c/Users/Mansour/Documents/rayen/gomycode/learn\_git

third.txt

#### SCREEN SHOT 3 CREATING A THIRD.TXT FILE





















Initialized empty Git repository in C:/Users/Mansour/Documents/rayen/gomycode/learn\_git/.git/

ansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master)

### SCREEN SHOT 4 INITIALIZE AN EMPTY GIT REPOSITORY

























Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git Initialized empty Git repository in C:/Users/Mansour/Documents/rayen/gomycode/learn\_git/.git/ ansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git status On branch master No commits yet (use "git rm --cached <file>..." to unstage) new file: third.txt

Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master)

MINGW64:/c/Users/Mansour/Documents/rayen/gomycode/learn\_git

## SCREEN SHOT 5 ADDING THIRD.TXT TO THE STAGING AREA











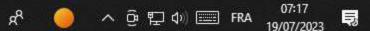












MINGW64:/c/Users/Mansour/Documents/rayen/gomycode/learn\_git Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git \$ git init Initialized empty Git repository in C:/Users/Mansour/Documents/rayen/gomycode/learn\_git/.git/ Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git add third.txt Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git status On branch master

Manspur@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git commit -m "adding third.txt" [master (root-commit) 3720bcd] adding third.txt 1 file changed, 0 insertions(+), 0 deletions(-) create mode 100644 third.txt

No commits yet

\$ git status

On branch master

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: third.txt

nothing to commit, working tree clean Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master)

Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master)

#### SCREEN SHOT 6 COMMIT WITH THE MESSAGE













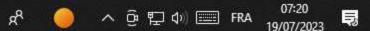












Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git

```
- 0 X
```

Initialized empty Git repository in C:/Users/Mansour/Documents/rayen/gomycode/learn\_git/.git/ Manspur@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git add third.txt Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git status On branch master No commits yet Changes to be committed: (use "git rm --cached <file>..." to unstage) new file: third.txt Manspur@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git commit -m "adding third.txt" [master (root-commit) 3720bcd] adding third.txt 1 file changed, 0 insertions(+), 0 deletions(-) create mode 100644 third.txt Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git status On branch master nothing to commit, working tree clean Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git log commit 3720bcd1a63e1b99e97164a5d6127f83b99542ed (HEAD -> master) Author: rayen <rayen.ben.mansour@gmail.com> Date: Wed Jul 19 07:19:26 2023 +0100 adding third.txt Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master)

### SCREEN SHOT 7 CHEKING THE COMMIT











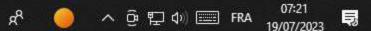














\$ git init

Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git

```
- 0 X
```

Initialized empty Git repository in C:/Users/Mansour/Documents/rayen/gomycode/learn\_git/.git/ Manspur@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git add third.txt Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git status On branch master No commits yet Changes to be committed: (use "git rm --cached <file>..." to unstage) new file: third.txt Manspur@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git commit -m "adding third.txt" [master (root-commit) 3720bcd] adding third.txt 1 file changed, 0 insertions(+), 0 deletions(-) create mode 100644 third.txt Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git status On branch master nothing to commit, working tree clean Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git log commit 3720bcd1a63e1b99e97164a5d6127f83b99542ed (HEAD -> master) Author: rayen <rayen.ben.mansour@gmail.com> Date: Wed Jul 19 07:19:26 2023 +0100 adding third.txt Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ touch fourth.txt Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ 15 fourth.txt third.txt Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master)

#### SCREEN SHOT 8 CREATING FOURTH.TXT













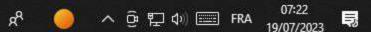












```
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git
Initialized empty Git repository in C:/Users/Mansour/Documents/rayen/gomycode/learn_git/.git/
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git add third.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git status
On branch master
No commits yet
Changes to be committed:
(use "git rm --cached <file>..." to unstage)
       new file: third.txt
Manspur@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git commit -m "adding third.txt"
[master (root-commit) 3720bcd] adding third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 third.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git status
On branch master
nothing to commit, working tree clean
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git log
commit 3720bcd1a63e1b99e97164a5d6127f83b99542ed (HEAD -> master)
Author: rayen <rayen.ben.mansour@gmail.com>
Date: Wed Jul 19 07:19:26 2023 +0100
   adding third.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ touch fourth.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ 15
fourth.txt third.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git add fourth.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
```

### SCREEN SHOT 9 ADD FOURTH.TXT TO THE STAGING AREA















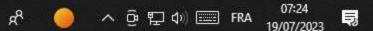












```
Manspur@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git status
On branch master
Changes to be committed:
 (use "git restore --staged <file>..." to unstage)
       new file: fourth.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git commit -m "adding fourth.txt"
[master 208dd66] adding fourth.txt
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 fourth.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
commit 208dd662a938d34bd4c552ebbaOefcc5b6f5079c (HEAD -> master)
Author: rayen <rayen.ben.mansour@gmail.com>
Date: Wed Jul 19 07:32:07 2023 +0100
   adding fourth.txt
commit 3720bcd1a63e1b99e97164a5d6127f83b99542ed
Author: rayen <rayen.ben.mansour@gmail.com>
Date: Wed Jul 19 07:19:26 2023 +0100
   adding third.txt
```

Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master)

### SCREEN SHOT 10 COMMITING THE ADD OF FOURTH.TXT













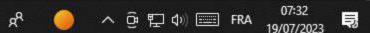












MINGW64:/c/Users/Mansour/Documents/rayen/gomycode/learn\_git ansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ 15 fourth.txt third.txt isour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) ansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ 1s fourth.txt

Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master)

#### SCREEN SHOT 11 REMOVING THE THIRD.TXT















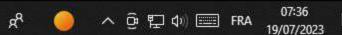












MINGW64:/c/Users/Mansour/Documents/rayen/gomycode/learn\_git Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ 15 fourth.txt third.txt ansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) rm 'third.txt' Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ 1s fourth.txt Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git add . Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) On branch master Changes to be committed: (use "git restore --staged <file>..." to unstage) deleted: third.txt

Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master)

### SCREEN SHOT 12 ADD THIS CHANGE TO THE STAGING AREA











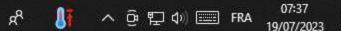












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Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master)

### SCREEN SHOT 13 COMMITING WITH THE MESSAGE



commit 3720bcd1a63e1b99e97164a5d6127f83b99542ed Author: rayen <rayen.ben.mansour@gmail.com> Date: Wed Jul 19 07:19:26 2023 +0100

adding third.txt











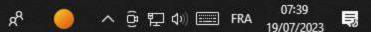












```
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ 15
fourth.txt third.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git rm third.txt
rm 'third.txt'
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ 1s
fourth.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git status
On branch master
Changes to be committed:
(use "git restore --staged <file>..." to unstage)
       deleted: third.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git commit -m "removing third.txt"
[master 43eb721] removing third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 third.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git log
commit 43eb7216d452532a071b9bce6f7e754483c9eee1 (HEAD -> master)
Author: rayen <rayen.ben.mansour@gmail.com>
Date: Wed Jul 19 07:39:08 2023 +0100
  removing third.txt
commit 208dd662a938d34bd4c552ebba0efcc5b6f5079c
Author: rayen <rayen.ben.mansour@gmail.com>
Date: Wed Jul 19 07:32:07 2023 +0100
   adding fourth.txt
commit 3720bcd1a63e1b99e97164a5d6127f83b99542ed
Author: rayen <rayen.ben.mansour@gmail.com>
Date: Wed Jul 19 07:19:26 2023 +0100
   adding third.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
```

#### SCREEN SHOT 14 CHECKING MY COMMITS











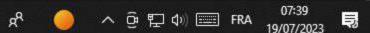












```
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ 15
fourth.txt third.txt
|ansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git rm third.txt
rm 'third.txt'
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ 15
fourth.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git status
On branch master
Changes to be committed:
 (use "git restore --staged <file>..." to unstage)
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git commit -m "removing third.txt"
[master 43eb721] removing third.txt
1 file changed, 0 insertions(+), 0 deletions(-)
delete mode 100644 third.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git log
commit 43eb7216d452532a071b9bce6f7e754483c9eee1 (HEAD -> master)
Author: rayen <rayen.ben.mansour@gmail.com>
Date: Wed Jul 19 07:39:08 2023 +0100
   removing third.txt
 ommit 208dd662a938d34bd4c552ebba0efcc5b6f5079c
Author: rayen <rayen.ben.mansour@gmail.com>
Date: Wed Jul 19 07:32:07 2023 +0100
   adding fourth.txt
commit 3720bcd1a63e1b99e97164a5d6127f83b99542ed
```

Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master)

# SCREEN SHOT 15 CHANGING MY GLOBAL SETTINGS TO CORE.PAGER=CAT



Author: rayen <rayen.ben.mansour@gmail.com> Date: Wed Jul 19 07:19:26 2023 +0100

\$ git config --global core.pager "cat"

adding third.txt









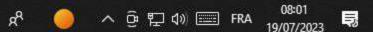












MINGW64:/c/Users/Mansour/Documents/rayen/gomycode/learn\_git Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ 15 fourth.txt third.txt |ansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git rm third.txt rm 'third.txt' Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ 15 fourth.txt Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git status On branch master Changes to be committed: (use "git restore --staged <file>..." to unstage) deleted: third.txt Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git commit -m "removing third.txt" [master 43eb721] removing third.txt 1 file changed, 0 insertions(+), 0 deletions(-) delete mode 100644 third.txt

Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git log commit 43eb7216d452532a071b9bce6f7e754483c9eee1 (HEAD -> master) Author: rayen <rayen.ben.mansour@gmail.com> Date: Wed Jul 19 07:39:08 2023 +0100 removing third.txt ommit 208dd662a938d34bd4c552ebba0efcc5b6f5079c

Author: rayen <rayen.ben.mansour@gmail.com> Date: Wed Jul 19 07:32:07 2023 +0100 adding fourth.txt commit 3720bcd1a63e1b99e97164a5d6127f83b99542ed Author: rayen <rayen.ben.mansour@gmail.com> Date: Wed Jul 19 07:19:26 2023 +0100 adding third.txt Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git config --global core.pager "cat" Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master) \$ git config --global --list user.email=rayen.ben.mansour@gmail.com user.name=rayen user.nam=rayen color.ui=auto

Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn\_git (master)

### SCREEN SHOT 16 THE GLOBAL CONFIGURATIONS FOR GIT ON MY MACHINE













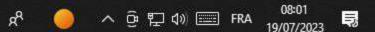












```
MINGW64:/c/Users/Mansour/Documents/rayen/gomycode/learn_git
Author: rayen <rayen.ben.mansour@gmail.com>
Date: Wed Jul 19 07:32:07 2023 +0100
   adding fourth.txt
 ommit 3720bcdla63e1b99e97164a5d6127f83b99542ed
Author: rayen <rayen.ben.mansour@gmail.com>
Date: Wed Jul 19 07:19:26 2023 +0100
   adding third.txt
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
5 git config --global core.pager "cat"
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git config --global --list
user.email=rayen.ben.mansour@gmail.com
user.name=rayen
user.nam=rayen
color.ui=auto
core.pager=cat
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
$ git config --global
usage: git config [<options>]
Config file location
                         use global config file
   --global
                         use system config file
   --system
   --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 value: name [value-pattern]
   --get
   --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 a new variable: name value
                         remove a variable: name [value-pattern]
   --unset
   --unset-all
                         remove all matches: name [value-pattern]
   --rename-section
                         rename section: old-name new-name
                         remove a section: name
   --remove-section
   -1. --list
                         list all
   --fixed-value
                         use string equality when comparing values to 'value-pattern'
                         open an editor
   -e, --edit
   --get-color
                         find the color configured: slot [default]
   --get-colorbool
                         find the color setting: slot [stdout-is-tty]
   -t, --type <type>
                         value is given this type
                         value is "true" or "false"
   --bool
                         value is decimal number
   --int
   --bool-or-int
                         value is --bool or --int
                         value is --bool or string
   --bool-or-str
   --path
                         value is a path (file or directory name)
   --expiry-date
                         value is an expiry date
                         terminate values with NUL byte
   -z, --null
   --name-only
                         show variable names only
   --includes
                         respect include directives on lookup
                         show origin of config (file, standard input, blob, command line)
   --show-origin
   --show-scope
                         show scope of config (worktree, local, global, system, command)
   --default <value>
                         with --get, use default value when missing entry
Mansour@DESKTOP-00107QL MINGW64 ~/Documents/rayen/gomycode/learn_git (master)
```

## SCREEN SHOT 17 THE GLOBAL CONFIGURATIONS OPTIONS

