**Git Basics Exercise**

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals

$ mkdir learn\_git\_again

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals

$ cd learn\_git\_again/

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again

$ touch third.txt

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again

$ git init

Initialized empty Git repository in C:/Users/Rudolf/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again/.git/

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again (master)

$ add .

bash: add: command not found

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again (master)

$ git add .

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again (master)

$ git commit -m "adding third.txt"

[master (root-commit) f2e7bdc] adding third.txt

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 third.txt

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again (master)

$ git log --oneline

f2e7bdc (HEAD -> master) adding third.txt

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again (master)

$ git log

commit f2e7bdc0f419a5a0e50675502d445ce3ed42af11 (HEAD -> master)

Author: Rudolf Demel <rudolf.demel@gmail.com>

Date: Mon Nov 23 18:34:53 2020 -0400

adding third.txt

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again (master)

$ touch fourth.txt

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again (master)

$ git add .

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again (master)

$ git commit -m "adding fourth.txt"

[master 8aff8eb] adding fourth.txt

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 fourth.txt

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again (master)

$ rm third.txt

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again (master)

$ git add .

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again (master)

$ git commit -m "removing third.txt"

[master bb63f63] removing third.txt

1 file changed, 0 insertions(+), 0 deletions(-)

delete mode 100644 third.txt

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again (master)

$ git log

commit bb63f63e9604bb6687b0180f63e1c110dd2ac558 (HEAD -> master)

Author: Rudolf Demel <rudolf.demel@gmail.com>

Date: Mon Nov 23 18:37:34 2020 -0400

removing third.txt

commit 8aff8eb98a7166889117cedf575850acb96c00f4

Author: Rudolf Demel <rudolf.demel@gmail.com>

Date: Mon Nov 23 18:36:42 2020 -0400

adding fourth.txt

commit f2e7bdc0f419a5a0e50675502d445ce3ed42af11

Author: Rudolf Demel <rudolf.demel@gmail.com>

Date: Mon Nov 23 18:34:53 2020 -0400

adding third.txt

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again (master)

$ git config --global core.pager

cat

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again (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-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

--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

Rudolf@HalloweenPC MINGW64 ~/OneDrive/Downloads/SWECareerTrack/6.developerFundamentals/learn\_git\_again (master)

$ git config --global --list

user.email=rudolf.demel@gmail.com

user.name=Rudolf Demel

core.pager=cat