Ayomide Afolabi , Eveliina Hampus , Tatu Laitinen , Eetu Mönkkönen , Yerold Sanabria Rios , Tomoko Takami
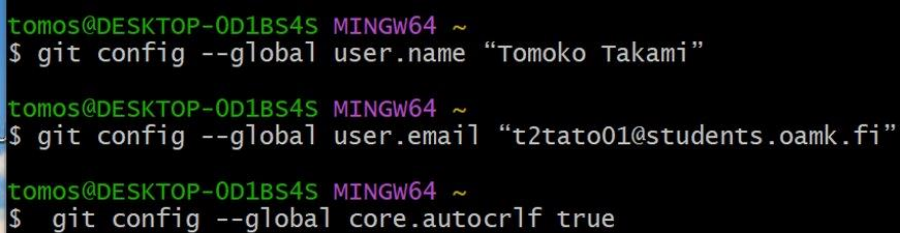
2022/09/21

NOTE: As an answer return a log of command and responses. Explain also what has been done.

Exercise 1

• Install Git client

> ◦ *Setting the user name with command "git config –global user.name"followed by the user name using the quotation marks (see screenshot).*

> ◦ *To est the email address, we use the same command but for email "git config –global user.email" followed by the user email using the quotation marks as shown bellow.*

Exercise 2

• Start git BASH UI

• Create a folder (labs1) and set it as default folder

```
tomos@DESKTOP-0D1BS4S MINGW64 ~ (master)
$ mkdir labs1
```

•Now we set the folder as default with cd labs1.

```
OMISTAJA@DESKTOP-F85VKHS MINGW64 ~
$ cd labs1
```

• Init local repository ($git init)

•And to initialize a local repository, we can use git init.

```
tomos@DESKTOP-0D1BS4S MINGW64 ~/labs1
$ git init
Initialized empty Git repository in C:/Users/tomos/labs1/.git/
```

o Create a file with following content:

aaaaaaaaaaaaaaa

Bbbbbbbbbbbbbbb

cccccccccccccccc

o Name the file as labs1.txt

◦ To create a file and add content, we use the command "notepad" or "vi"followed by the text file's name we want to create, as shown bellow.

```
tomos@DESKTOP-0D1BS4S MINGW64 ~/labs1 (master)
$ notepad labs1.txt
```

o Add and commit the file to local repo

◦ *Now we can add the file to a local repository.*

◦ *And to commit the file, we use "git commit -m" followed by change we would like to make to the file.*

```
tomos@DESKTOP-OD1BS4S MINGW64 ~/labs1 (master)
$ git add labs1.txt

tomos@DESKTOP-OD1BS4S MINGW64 ~/labs1 (master)
$ git commit -m"initial"
[master (root-commit) a3cced0] initial
 1 file changed, 3 insertions(+)
 create mode 100644 labs1.txt
```

Exercise 3

o Add a new line in end of the file

o Add and commit the file to local repo

```
tomos@DESKTOP-OD1BS4S MINGW64 ~/labs1 (master)
$ notepad labs1.txt

tomos@DESKTOP-OD1BS4S MINGW64 ~/labs1 (master)
$ git add labs1.txt

tomos@DESKTOP-OD1BS4S MINGW64 ~/labs1 (master)
$ git commit -m"d is added"
[master 18661c5] d is added
 1 file changed, 2 insertions(+), 1 deletion(-)
```

o See commits: $git log

◦ *To see the commits we have made, we can use the command "git log"*

```
tomos@DESKTOP-OD1BS4S MINGW64 ~/labs1 (master)
$ git log
commit 18661c540bcd9debb3ce814ec22f0718e7e35a86 (HEAD -> master)
Author: "Tomoko <"t2tato01@students.oamk.fi">
Date:   Wed Sep 21 03:37:10 2022 +0900

    d is added

commit a3cced0a5ccc536e8a7ce3d021c8470154a8867b
Author: "Tomoko <"t2tato01@students.oamk.fi">
Date:   Wed Sep 21 03:35:17 2022 +0900

    initial
```

Exercise 4

o Give command $git status

```
tomos@DESKTOP-OD1BS4S MINGW64 ~/labs1 (master)
$ git status
On branch master
nothing to commit, working tree clean
```

o Then make change to file and give the command again

```
tomos@DESKTOP-OD1BS4S MINGW64 ~/labs1 (master)
$ notepad labs1.txt

tomos@DESKTOP-OD1BS4S MINGW64 ~/labs1 (master)
$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   labs1.txt

no changes added to commit (use "git add" and/or "git commit -a")
```

o Add and commit the file to local repo and give command again

```
tomos@DESKTOP-OD1BS4S MINGW64 ~/labs1 (master)
$ git add labs1.txt

tomos@DESKTOP-OD1BS4S MINGW64 ~/labs1 (master)
$ git commit -m"happycoding"
[master 14e681d] happycoding
 1 file changed, 2 insertions(+), 1 deletion(-)
```

```
tomos@DESKTOP-OD1BS4S MINGW64 ~/labs1 (master)
$ git status
On branch master
nothing to commit, working tree clean
```