

Exercise 1

- Install Git client

We Installed Git Successfully.

Exercise 2

- Start git BASH UI
- Create a folder (labs1) and set it as default folder
- Init local repository (\$git init)
- o Create a file with following content:

aaaaaaaaaaaaaaaa

bbbbbbbbbbbbbbbb

cccccccccccccccc

- o Name the file as labs1.txt

- o Add and commit the file to local repo

```
junay@Junayed MINGW64 /d
$ mkdir labs1

junay@Junayed MINGW64 /d
$ cd labs1

junay@Junayed MINGW64 /d/labs1
$ git init
Initialized empty Git repository in D:/labs1/.git/

junay@Junayed MINGW64 /d/labs1 (master)
$ notepad labs1.txt

junay@Junayed MINGW64 /d/labs1 (master)
$ git status
On branch master

No commits yet

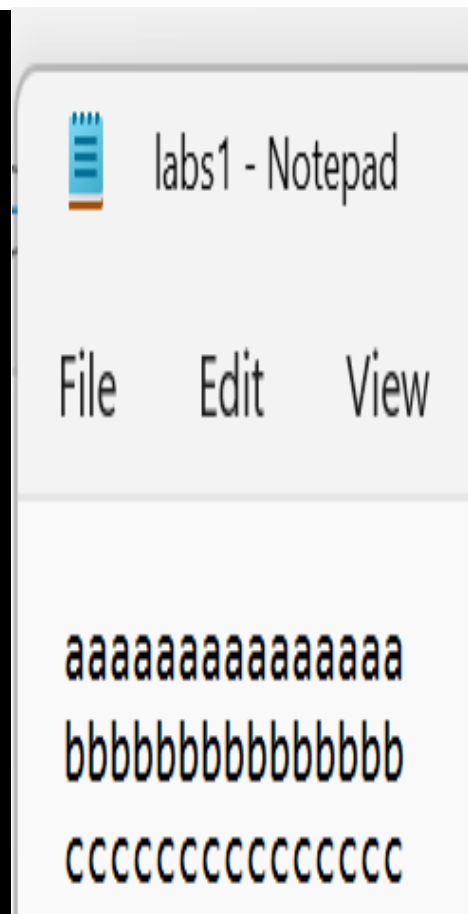
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    labs1.txt

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

junay@Junayed MINGW64 /d/labs1 (master)
$ git log
fatal: your current branch 'master' does not have any commits yet

junay@Junayed MINGW64 /d/labs1 (master)
$ git add labs1.txt

junay@Junayed MINGW64 /d/labs1 (master)
$ git commit -m "First Check"
[master (root-commit) 0ac759a] First Check
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
- o See commits: \$git log

```
junay@Junayed MINGW64 /d/labs1 (master)
$ notepad labs1.txt

junay@Junayed MINGW64 /d/labs1 (master)
$ git add labs1.txt

junay@Junayed MINGW64 /d/labs1 (master)
$ git commit -m "Add new line Check"
[master 5ac7ee3] Add new line Check
1 file changed, 3 insertions(+), 1 deletion(-)

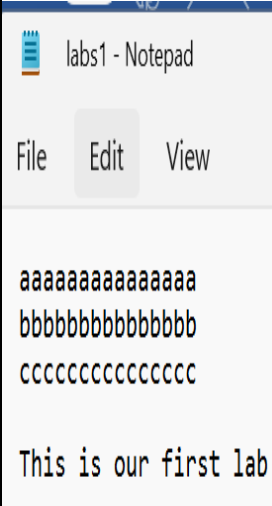
junay@Junayed MINGW64 /d/labs1 (master)
$ git status
On branch master
nothing to commit, working tree clean

junay@Junayed MINGW64 /d/labs1 (master)
$ git log
commit 5ac7ee399ee4bfab131e35655f39ab718126fab6 (HEAD -> master)
Author: "junayedur <t2bhmd00@students.oamk.fi>"
Date: Tue Sep 20 15:22:20 2022 +0300

    Add new line Check

commit 0ac759ad8827022b31ede975d6c3b6720b08ff5d
Author: "junayedur <t2bhmd00@students.oamk.fi>"
Date: Tue Sep 20 15:19:50 2022 +0300

    First Check
```



Exercise 4

- o Give command \$git status
- o Then make change to file and give the command again
- o Add and commit the file to local repo and give command again

```
junay@Junayed MINGW64 /d/labs1 (master)
$ git status
On branch master
nothing to commit, working tree clean

junay@Junayed MINGW64 /d/labs1 (master)
$ notepad labs1.txt

junay@Junayed MINGW64 /d/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")

junay@Junayed MINGW64 /d/labs1 (master)
$ git add labs1.txt

junay@Junayed MINGW64 /d/labs1 (master)
$ git commit -m "ex3 line Check"
[master d5f1626] ex3 line Check
1 file changed, 3 insertions(+), 1 deletion(-)

junay@Junayed MINGW64 /d/labs1 (master)
$ git status
On branch master
nothing to commit, working tree clean

junay@Junayed MINGW64 /d/labs1 (master)
$ git log
commit d5f16262da04eb780684b609931e832d2fb25bb6 (HEAD -> master)
Author: "junayedur <t2bhmd00@students.oamk.fi>"
Date: Tue Sep 20 15:28:30 2022 +0300

    ex3 line Check

commit 5ac7ee399ee4bfab131e35655f39ab718126fab6
Author: "junayedur <t2bhmd00@students.oamk.fi>"
Date: Tue Sep 20 15:22:20 2022 +0300

    Add new line Check

commit 0ac759ad8827022b31ede975d6c3b6720b08ff5d
Author: "junayedur <t2bhmd00@students.oamk.fi>"
Date: Tue Sep 20 15:19:50 2022 +0300

    First Check
```

