




Software Engineering

Assignment 00

```
<p> About Git</p>
```



```
C:\Users\Husam_Qasim>git config --global user.email "wwohohoasas@gmail.com"
```

```
C:\Users\Husam_Qasim>git config --global user.name "HusamQasim2000"
```

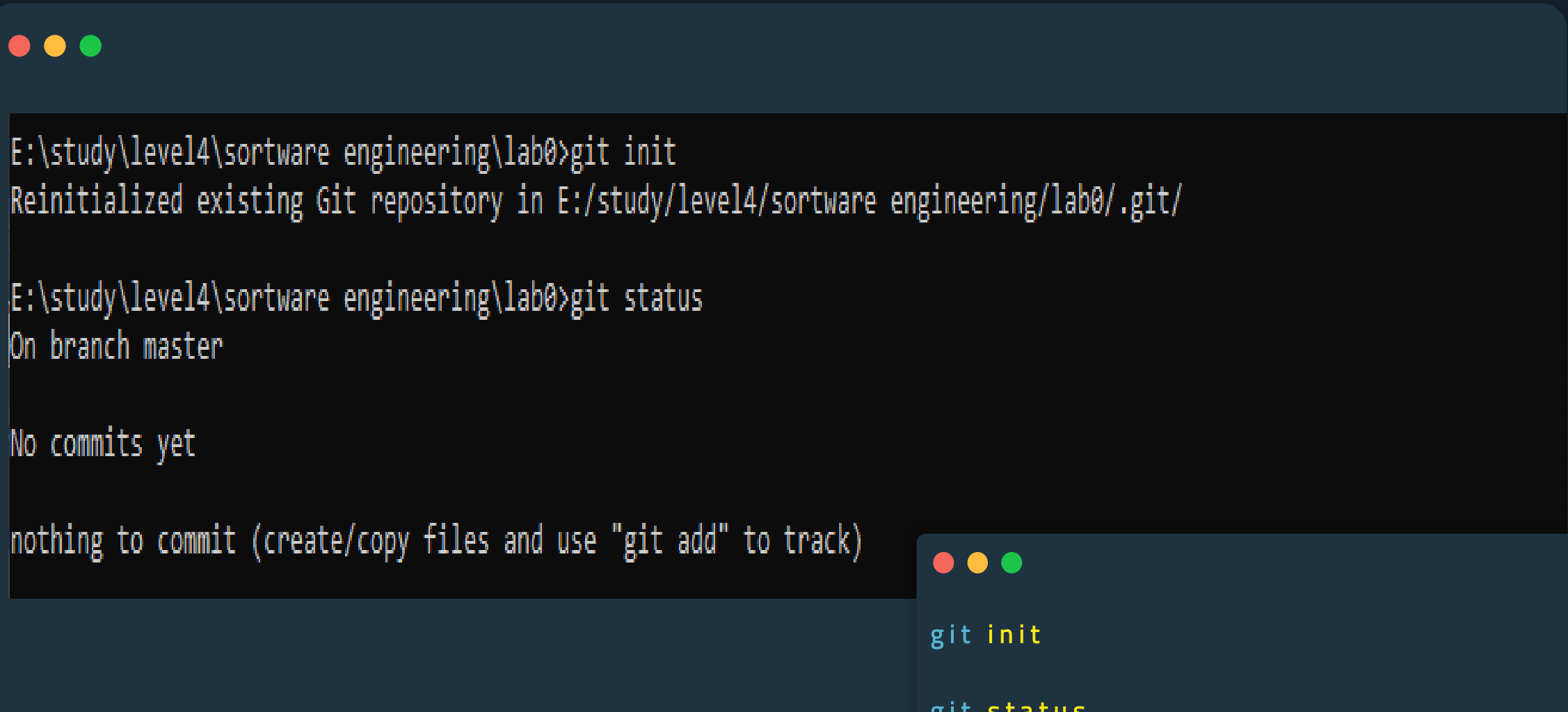
```
C:\Users\Husam_Qasim>E:
```

```
E:\>cd \study\level4\software engineering\lab0
```



```
git config --global user.email "s96557867@gmail.com"
```

```
git config --global user.name "Saleh AL-gabri"
```



```
E:\study\level4\software engineering\lab0>git init
Reinitialized existing Git repository in E:/study/level4/software engineering/lab0/.git/

E:\study\level4\software engineering\lab0>git status
On branch master

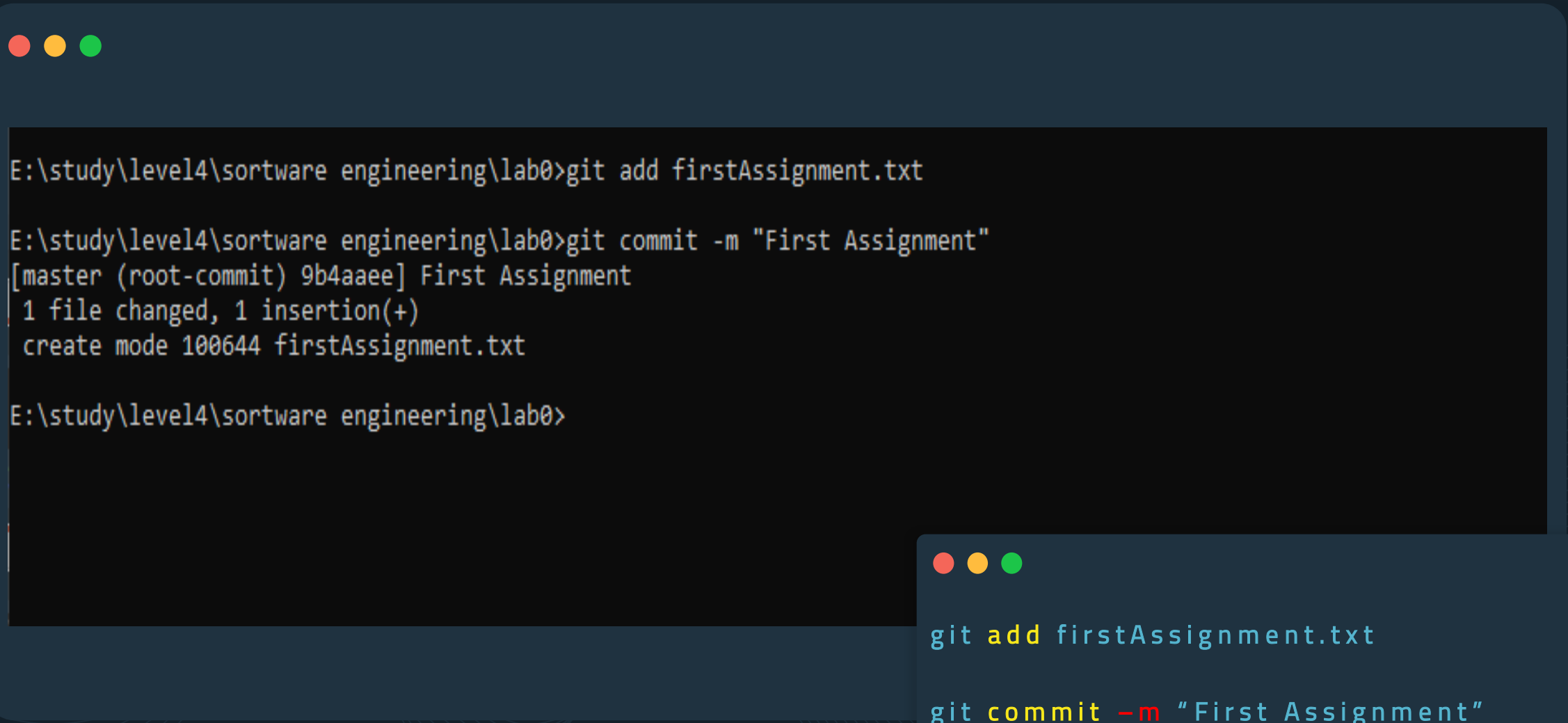
No commits yet

nothing to commit (create/copy files and use "git add" to track)
```



```
git init
```

```
git status
```



```
E:\study\level4\software engineering\lab0>git add firstAssignment.txt
```

```
E:\study\level4\software engineering\lab0>git commit -m "First Assignment"
```

```
[master (root-commit) 9b4aaee] First Assignment
```

```
1 file changed, 1 insertion(+)
```

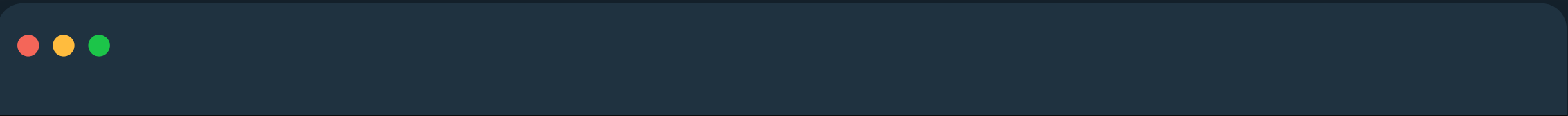
```
create mode 100644 firstAssignment.txt
```

```
E:\study\level4\software engineering\lab0>
```



```
git add firstAssignment.txt
```

```
git commit -m "First Assignment"
```



```
E:\study\level4\software engineering\lab0>git log
commit 9b4aaeebb7b55276edbf73e037b5c3e11b420fb3 (HEAD -> master)
Author: HusamQasim2000 <wwohohoasas@gmail.com>
Date:   Fri Jul 25 22:40:35 2025 +0300
```

First Assignment

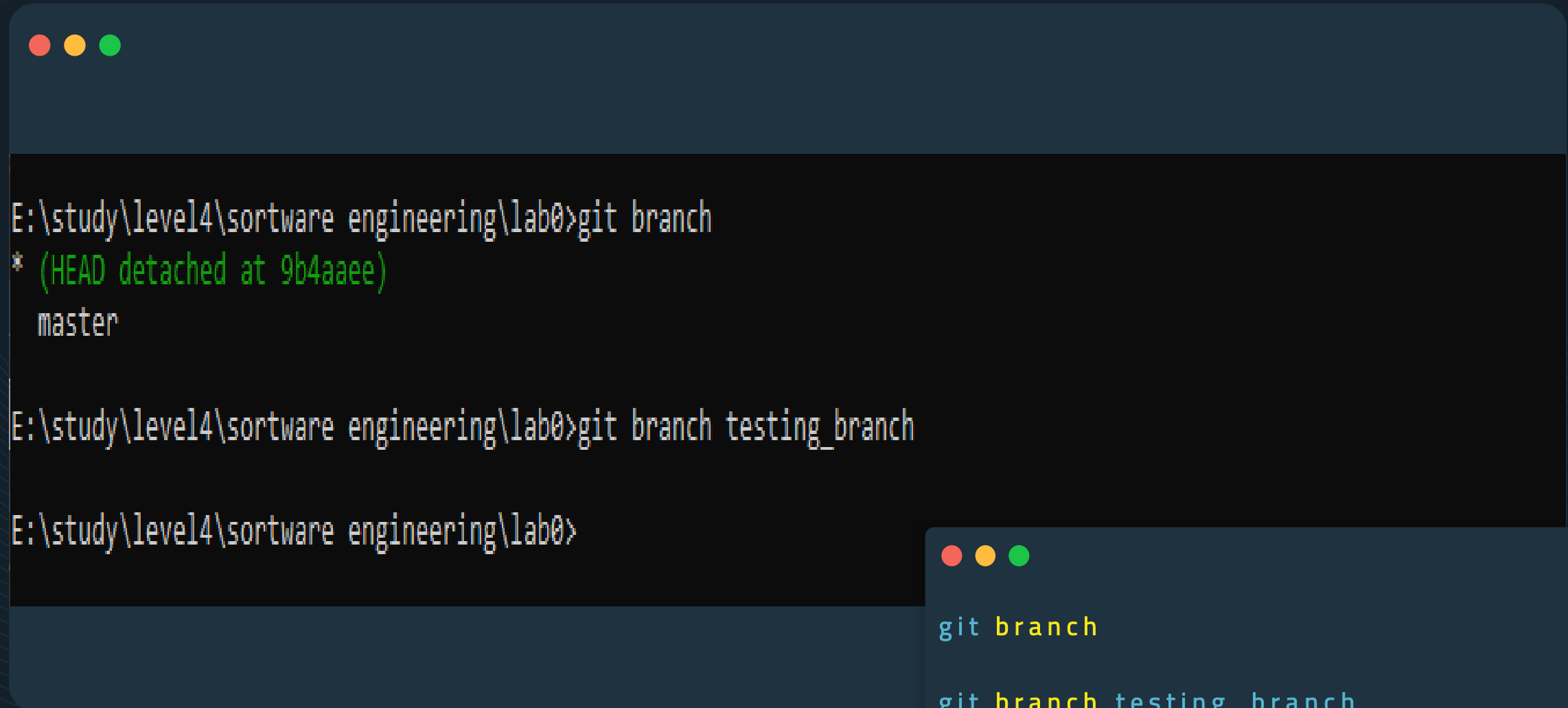
```
E:\study\level4\software engineering\lab0>git checkout "9b4aaeebb7b55276edbf73e037b5c3e11b420fb3"
Note: switching to '9b4aaeebb7b55276edbf73e037b5c3e11b420fb3'.

You are in 'detached HEAD' state. You can look around, make experimental
```



```
git log
```

```
git checkout "c3cf5d351fd25824aa648c841d62fb986ed3f2f8"
```



```
E:\study\level4\software engineering\lab0>git branch
```

```
* (HEAD detached at 9b4aaee)
```

```
master
```

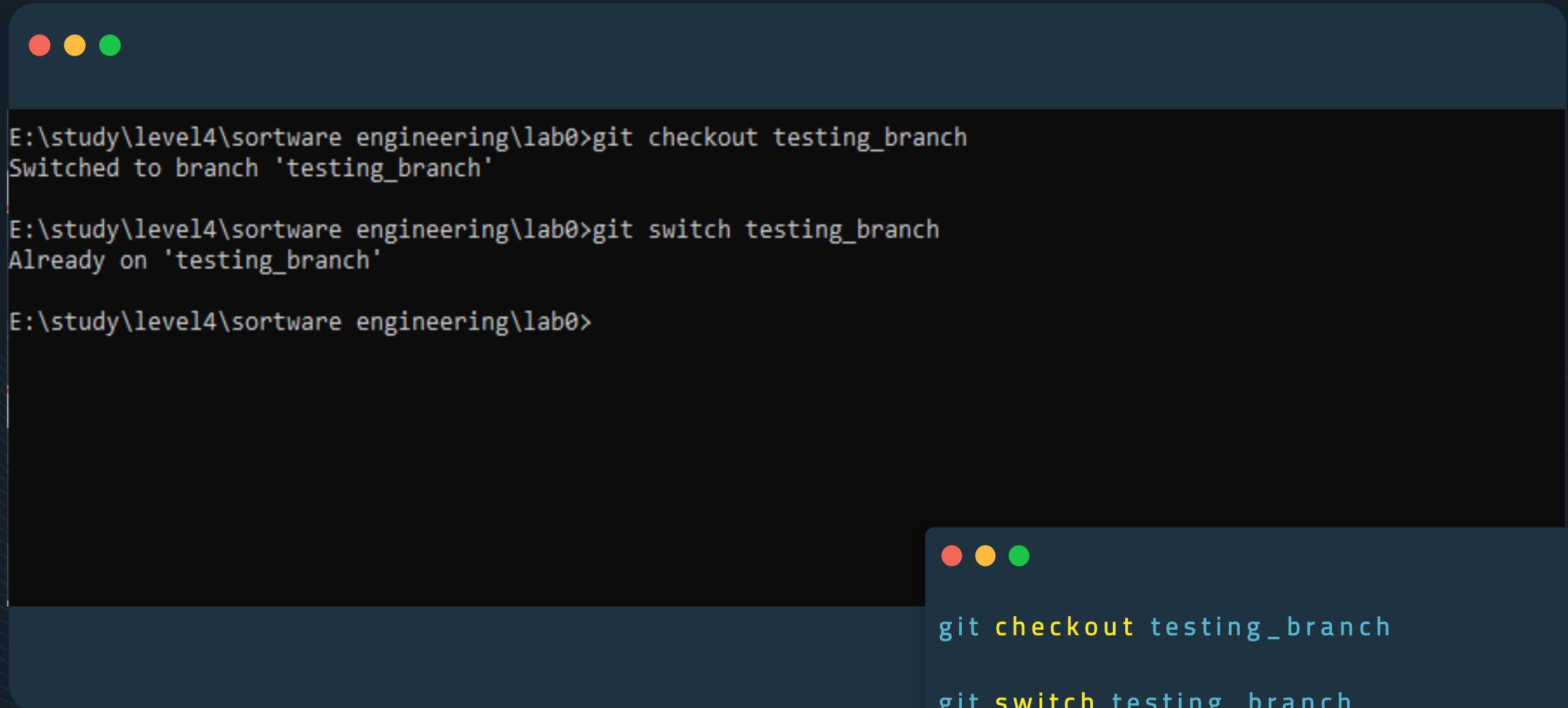
```
E:\study\level4\software engineering\lab0>git branch testing_branch
```

```
E:\study\level4\software engineering\lab0>
```



```
git branch
```

```
git branch testing_branch
```



```
E:\study\level4\software engineering\lab0>git checkout testing_branch
Switched to branch 'testing_branch'

E:\study\level4\software engineering\lab0>git switch testing_branch
Already on 'testing_branch'

E:\study\level4\software engineering\lab0>
```



```
git checkout testing_branch
```

```
git switch testing_branch
```


```
E:\study\level4\software engineering\lab0>git switch -c testing_branch
fatal: a branch named 'testing_branch' already exists

E:\study\level4\software engineering\lab0>git checkout -b testing_branch
fatal: a branch named 'testing_branch' already exists

E:\study\level4\software engineering\lab0>
```

```
git checkout testing_branch
```

```
git switch testing_branch
```

```
E:\study\level4\software engineering\lab0>git merge testing_branch
```

```
Already up to date.
```

```
E:\study\level4\software engineering\lab0>git ls-files
```


```
firstAssignment.txt
```

```
E:\study\level4\software engineering\lab0>
```



```
git merge testing_branch
```

```
git ls-files
```



```
E:\study\level4\software engineering\lab0>git clean -dn
```

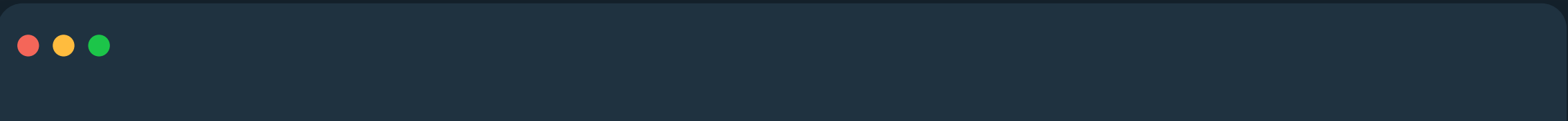
```
E:\study\level4\software engineering\lab0>git clean -df
```

```
E:\study\level4\software engineering\lab0>
```



```
git clean -dn
```

```
git clean -df
```



```
E:\study\level4\software engineering\lab0>git restore firstAssignment.txt
```

```
E:\study\level4\software engineering\lab0>git restore .
```

```
E:\study\level4\software engineering\lab0>
```



```
git restore firstAssignment.txt
```

```
git restore .
```

```
E:\study\level4\software engineering\lab0>git rm firstAssignment.txt
rm 'firstAssignment.txt'

E:\study\level4\software engineering\lab0>git add firstAssignment.txt
fatal: pathspec 'firstAssignment.txt' did not match any files

E:\study\level4\software engineering\lab0>git reset firstAssignment.txt
fatal: ambiguous argument 'firstAssignment.txt': unknown revision or path not in the working tree.
Use '--' to separate paths from revisions, like this:
'git <command> [<revision>...] -- [<file>...]'

E:\study\level4\software engineering\lab0>git status
On branch testing_branch
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        deleted:    firstAssignment.txt

E:\study\level4\software engineering\lab0>git ls-files
```

```
git rm firstAssignment.txt

git reset firstAssignment.txt
```

The End

By: Husam Al-Thifany



wwohohoasas@gmail.com



github.com/HusamQasim2000