SoftwareEngineering

Assignment (1)

Created By :
Dheya Al-Hadhrami

Supervisor :
Eng. Malik Al-Mossanif

1

Define User & Email

```
Windows PowerShell                    ×    +  ∨                     —    □    ×

PS D:\SoftwareEngineering> git config --global user.name "dheyafadhl"
PS D:\SoftwareEngineering> git config --global user.email "snakediya@gmail.com"
```

Git Init & Git Add

```
PS D:\SoftwareEngineering> git init
Initialized empty Git repository in D:/SoftwareEngineering/.git/
PS D:\SoftwareEngineering> git add .
PS D:\SoftwareEngineering>
```

Create First File

```
PS D:\SoftwareEngineering> echo this is my first file with git > test.txt
PS D:\SoftwareEngineering> |
```

> Local Disk (D:) > SoftwareEngineering >   Search SoftwareEngineering

Sort   View   ...

Name	Date modified	Type	Size
.git	٢٠٢٥/٠٧/٢٥ ص ٠٥:١٧	File folder	
Assignments	٢٠٢٥/٠٧/٢٥ ص ٠٥:٠٠	File folder	
Labs	٢٠٢٥/٠٧/٢٥ ص ٠٥:٠٠	File folder	
test	٢٠٢٥/٠٧/٢٥ ص ٠٥:١٦	Text Document	1 KB

Git Status

```
PS D:\SoftwareEngineering> git status
On branch master

No commits yet

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

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

Git Add & Git Commit

```
PS D:\SoftwareEngineering> git add test.txt
PS D:\SoftwareEngineering> git commit -m "add first text file with git"
[master (root-commit) dcc142d] add first text file with git
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 test.txt
PS D:\SoftwareEngineering> git  status
On branch master
nothing to commit, working tree clean
PS D:\SoftwareEngineering> |
```

Git Log & Git CheckOut

```
PS D:\SoftwareEngineering> git log
commit dcc142d93448c8ca2a6d168c447e0f16fb1ff5da (HEAD -> master)
Author: dheyafadhl <snakediya@gmail.com>
Date:   Fri Jul 25 17:19:54 2025 +0300

    add first text file with git
```

```
PS D:\SoftwareEngineering> git checkout dcc142d93448c8ca2a6d168c447e0f16fb1ff5da
HEAD is now at dcc142d add first text file with git
PS D:\SoftwareEngineering>
```

Git Branch & Git Switch

```
PS D:\SoftwareEngineering> git branch
* (HEAD detached at dcc142d)
  master
PS D:\SoftwareEngineering> git branch "assignment"
PS D:\SoftwareEngineering> git branch
* (HEAD detached at dcc142d)
  assignment
  master
PS D:\SoftwareEngineering> git switch "assignment"
Switched to branch 'assignment'
PS D:\SoftwareEngineering> git log
commit dcc142d93448c8ca2a6d168c447e0f16fb1ff5da (HEAD -> assignment, master)
Author: dheyafadhl <snakediya@gmail.com>
Date:   Fri Jul 25 17:19:54 2025 +0300

    add first text file with git
PS D:\SoftwareEngineering> git branch master
fatal: a branch named 'master' already exists
PS D:\SoftwareEngineering>
```
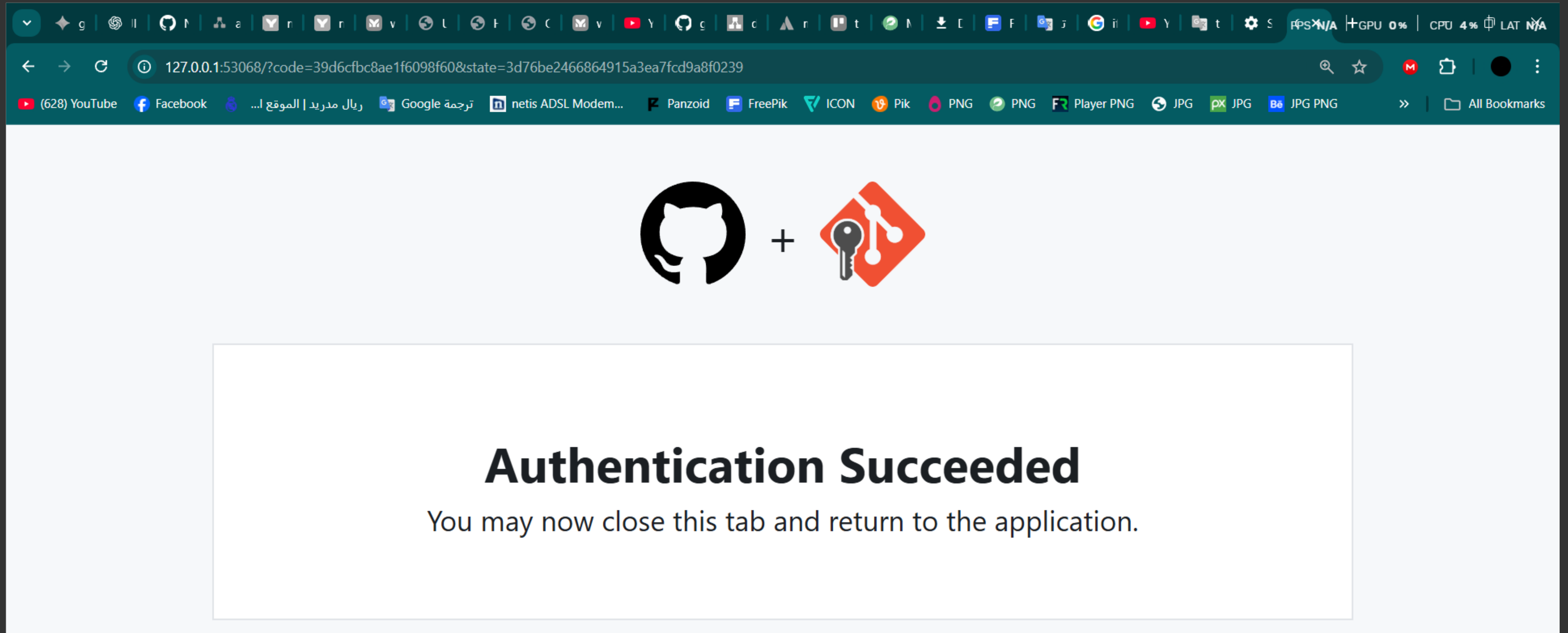
Git Clean

```
PS D:\SoftwareEngineering> git clean -dn
Would remove Assignments/
Would remove Labs/
PS D:\SoftwareEngineering> git add Assignments Labs
PS D:\SoftwareEngineering> git commit -m "add Assignments and Labs folders"
[assignment c8ae950] add Assignments and Labs folders
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Assignments/.keep
 create mode 100644 Labs/.keep
PS D:\SoftwareEngineering> git clean -dn
PS D:\SoftwareEngineering>
```

Upload Folder To Github Repo

```
PS D:\SoftwareEngineering> git remote add origin https://github.com/dheyafadhl/SoftwareEngineering.git
PS D:\SoftwareEngineering> git add .
PS D:\SoftwareEngineering> git commit -m "add Assignments and Labs folders"
On branch assignment
nothing to commit, working tree clean
PS D:\SoftwareEngineering> git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/dheyafadhl/SoftwareEngineering.git'
PS D:\SoftwareEngineering> git push -u origin master
info: please complete authentication in your browser...
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 20 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 266 bytes | 266.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:      https://github.com/dheyafadhl/SoftwareEngineering/pull/new/master
remote:
To https://github.com/dheyafadhl/SoftwareEngineering.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
PS D:\SoftwareEngineering> |
```

Authentication Succeeded

Thank You

Looking forward to seeing you
in the second assignment ;)