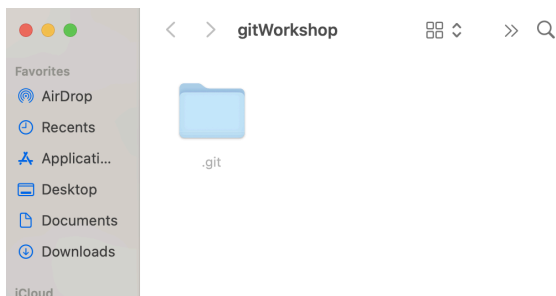# Git Workshop

I attended the Git workshop organised by Proxy. The teacher was Medhat Riad. We went through the basic commands of git. In this workshop, I initiated a new git project, made changes to the project folder by only using commands, committed the changes to main, learned how to create a new branch, and navigate between branches.
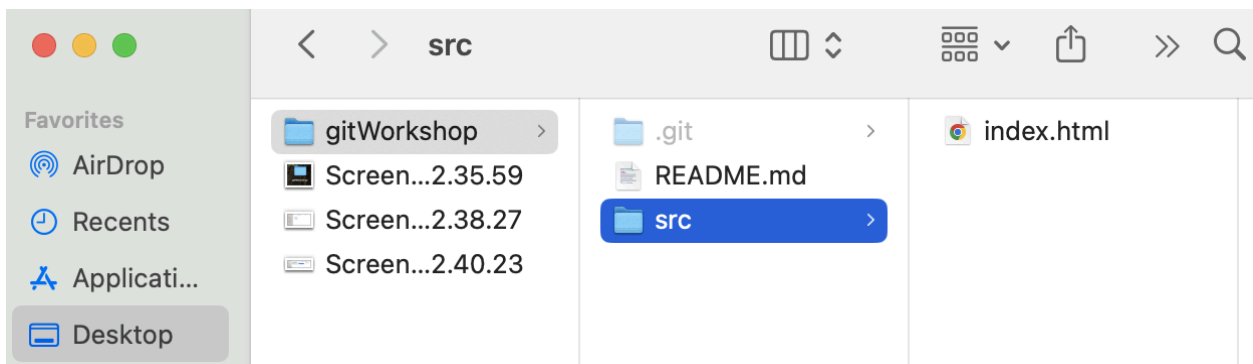
Creating project

cd Desktop
mkdir gitWorkshop

cd gitWorkshop
git init

mkdir src
touch src/index.html
touch README.md

Committing:

```
[tamer@Tamers-MacBook-Pro gitWorkshop % git add .
[tamer@Tamers-MacBook-Pro gitWorkshop % git status
On branch main

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   .DS_Store
        new file:   README.md
        new file:   src/index.html

[tamer@Tamers-MacBook-Pro gitWorkshop % git commit -m "added readme and index"
[main (root-commit) 2f0da5d] added readme and index
 3 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 .DS_Store
 create mode 100644 README.md
 create mode 100644 src/index.html
[tamer@Tamers-MacBook-Pro gitWorkshop % git status
On branch main
nothing to commit, working tree clean
tamer@Tamers-MacBook-Pro gitWorkshop % 
```

Create a new branch and navigate to it

```
[tamer@Tamers-MacBook-Pro gitWorkshop % git log
commit 2f0da5deaabab18766af2165a86e505759e8baf1 (HEAD -> main)
Author: TamerTalha <164400603+TamerTalha@users.noreply.github.com>
Date:   Tue Jun 10 12:46:06 2025 +0200

    added readme and index
[tamer@Tamers-MacBook-Pro gitWorkshop % git branch dev
[tamer@Tamers-MacBook-Pro gitWorkshop % git branch
  dev
* main
[tamer@Tamers-MacBook-Pro gitWorkshop % git checkout dev
Switched to branch 'dev'
```

Check if in the correct branch,
Create and add new files to the branch

```
tamer@Tamers-MacBook-Pro gitWorkshop % git branch
* dev
  main
tamer@Tamers-MacBook-Pro gitWorkshop % mkdir server
tamer@Tamers-MacBook-Pro gitWorkshop % touch server/python.py
tamer@Tamers-MacBook-Pro gitWorkshop % ls
README.md        server          src
tamer@Tamers-MacBook-Pro gitWorkshop % git status
On branch dev
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        server/

nothing added to commit but untracked files present (use "git add" to track)
tamer@Tamers-MacBook-Pro gitWorkshop % git add -all
error: did you mean `--all` (with two dashes)?
tamer@Tamers-MacBook-Pro gitWorkshop % git add --all
tamer@Tamers-MacBook-Pro gitWorkshop % git commit -m "amazing changes"
[dev 658e187] amazing changes
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 server/python.py
tamer@Tamers-MacBook-Pro gitWorkshop % git status
On branch dev
nothing to commit, working tree clean
```

Reflection

This workshop helped me practice git commands. I also learned about branches and how to make use of them in a project. I applied this knowledge in practice by doing all these steps after the workshop on my own. It was good practice.

This workshop also gave me the opportunity to talk to Medhat, a teacher I have not interacted with before. We talked about an internship in this company called Consulink. It turns out that he was the coach of a friend of mine doing this internship. We talked about the company, the boss etc. I am considering Consulink as an internship option in semester 5.

I am planning to attend more of these extra curricular workshops, since they not only teach you technical skills, but also let you socialize, and you get to talk to the teacher, peers from different profiles.