

Make acc on laptop:

```
git config --global user.name "name"
```

```
git config --global user.email email
```

Show acc details:

```
git config --list
```

Make new file: cd to local-Git-Repository & mkdir file

Access/work in new folder/repository:

```
cd <folder path>
```

```
git init
```

Add/push 1st time:

```
git add file (e.g. HelloWorld.py) or git add * → Add all files
```

```
git remote add origin <Github repository url>
```

```
git commit -m "comment"
```

```
git push --set-upstream origin main (for 1st item being pushed)
```

Add/push:

```
git commit -m "comment"
```

```
git push -u origin
```

push tag:

→ e.g. v1.0

```
git tag -a tagname -m "comment"
```

```
git push origin tagname → e.g. v1.0
```

Branches:

```
git branch → Show branch
```

```
git branch newbranch → Create new branch
```

```
git checkout branchname → Switch between branches
```

```
git merge branch1 → Merge branch1 into main/master
```

Adding git submodule:

git submodule add url
git commit -m "comment"
git push -u origin

clone: (copy & paste)

→ link of repository

git clone link (e.g. <https://github.com/mambirrrrrrr/Lab1.git>)

git status → Show untracked files (not added in git) or modified files (need to commit again)

git diff → View differences made in file after change

git remote -v → Check if you are using the right remote repository

Change remote repo link:

git remote set-url origin <repo-link>

git commit -m "comment"

(add * before maybe)

git push -u origin