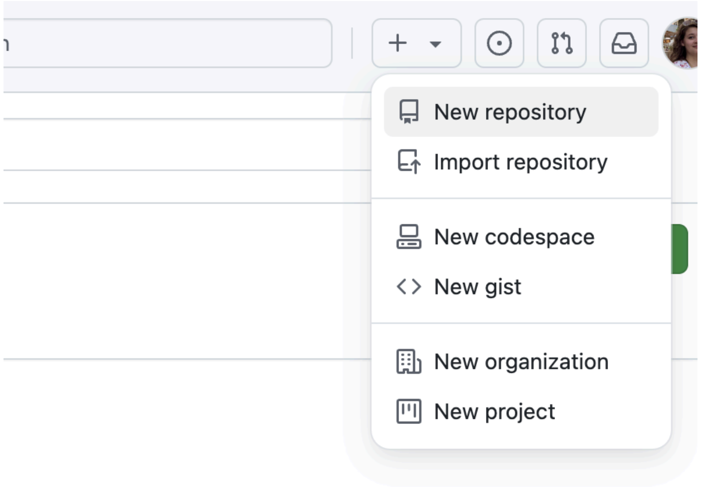
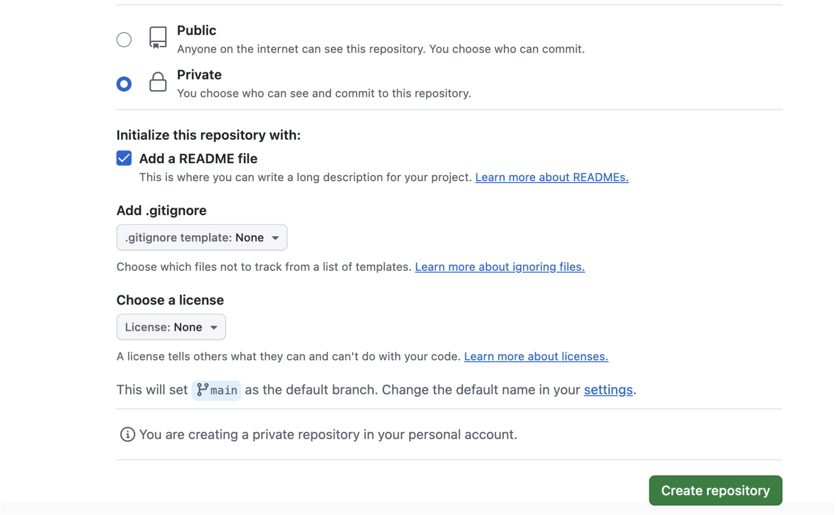
Version Control:

1. Create a private empty repository in GitHub as shown in the screenshots below. Fill in the required fields and hit “create repository.”





○ Public
Anyone on the internet can see this repository. You choose who can commit.

● Private
You choose who can see and commit to this repository.

Initialize this repository with:

☑ Add a README file
This is where you can write a long description for your project. Learn more about READMEs.

Add .gitignore

.gitignore template: None

Choose which files not to track from a list of templates. Learn more about ignoring files.

Choose a license

License: None

A license tells others what they can and can't do with your code. Learn more about licenses.

This will set `main` as the default branch. Change the default name in your settings.

You are creating a private repository in your personal account.

2. Add all TAs and the instructor to that repository. (The information can be found on the course's info page on Canvas)
3. Open your Assignment 1 project folder in PyCharm.
4. Open up the integrated terminal.
5. Create a Git repository in your project folder using the terminal with the `git init` command.
6. Add all files to the repository using `git add .`
7. Commit added files to the repository with proper message using `git commit -m` “Your commit here.”
8. Change your local repository branch name to main (if it’s master) using `git branch -m main`.
9. Add your remote repository to your project using `git remote add origin <remote_repository_URL>`.
10. Push all committed changes to the remote repository using `git push -u origin main`

11. After implementing each function, commit and push your changes. Therefore, you must have at least five commits on your Github account.
12. All commit messages should respect “Conventional Commits” (You may lose points, if you don’t write a proper message).

Prerequisite:

1. Create a GitHub account.
2. Install Git on your machine.