



A large, semi-transparent dark red circle is positioned in the center of the slide, partially overlapping the text area.

PYTHON BOOTCAMP

www.jomhack.com

GITHUB



Core Functions

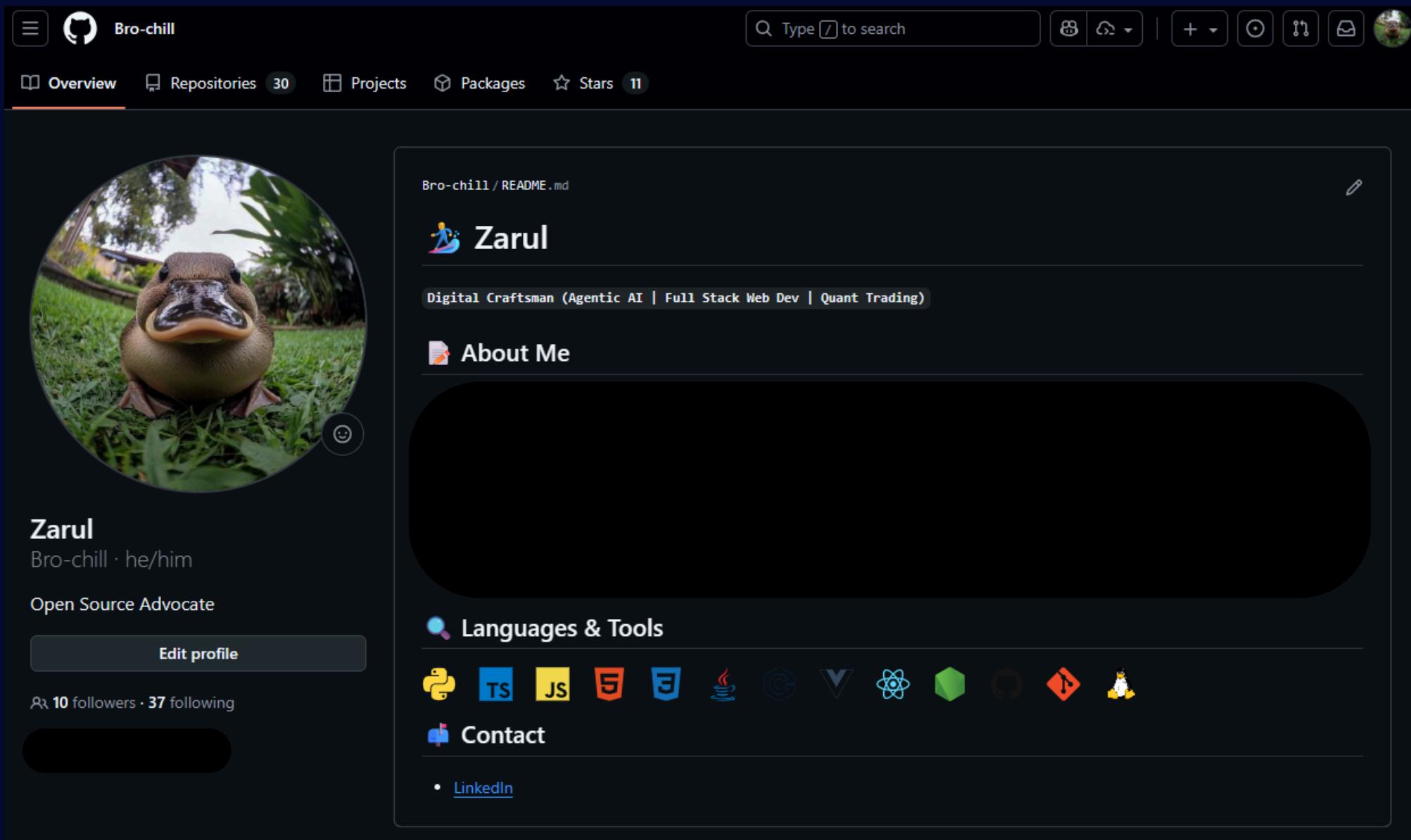
- **Version Control:** Tracks changes to code over time.
- **Code Hosting:** Stores code in the cloud.
- **Collaboration:** Enables multiple developers work on same project.

Key Features

- **Repositories:** Container for project files.
- **Actions:** Built-in CI/CD workflows.
- **Discussions:** Community forums for projects.

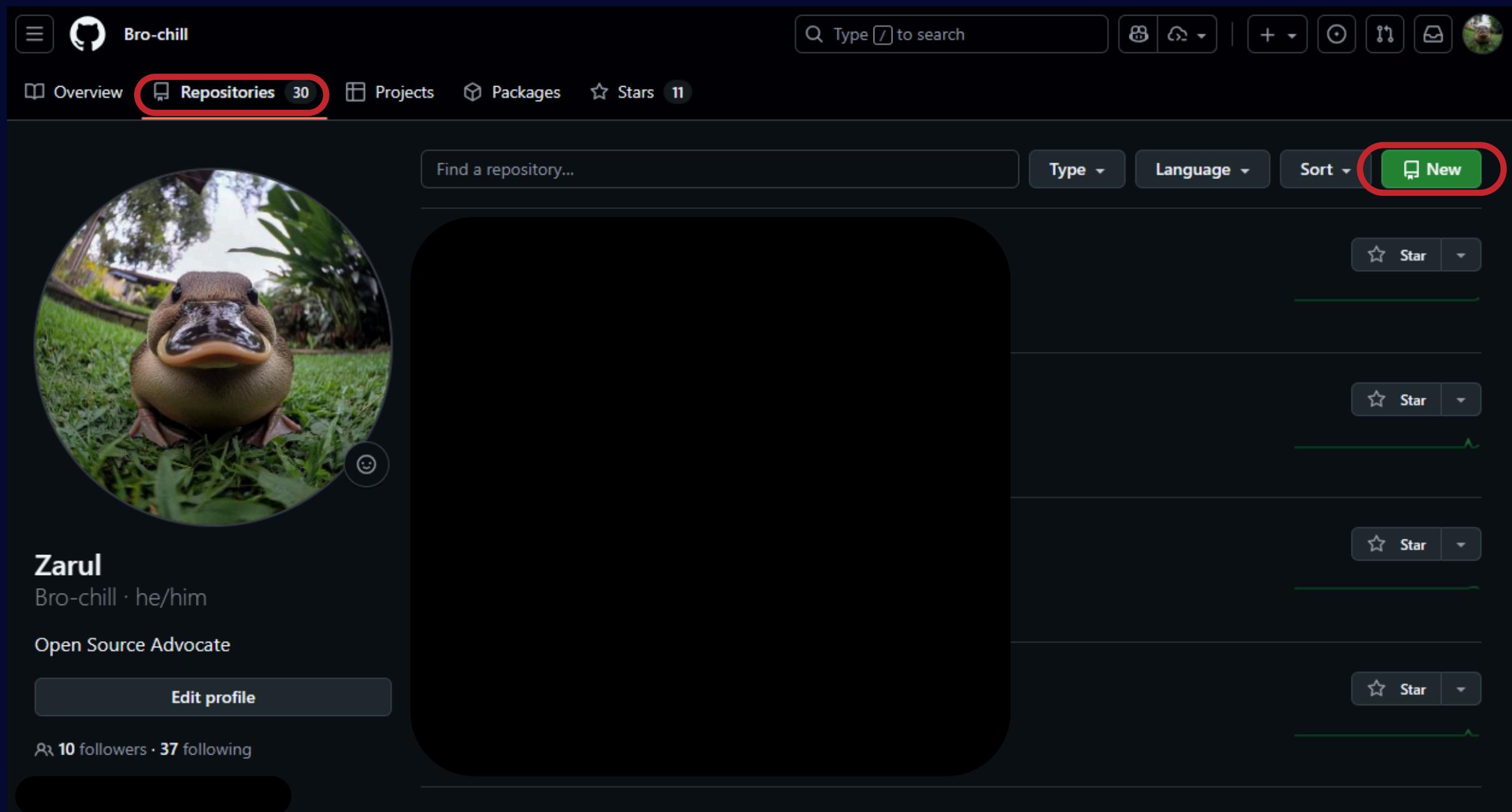
How to create repo:

- Create account at: <https://github.com>
- Login to your account.



How to create repo:

- Click create new repository



How to create repo:

- General information
 - Be explicit when naming and describing your repo

Create a new repository

Repositories contain a project's files and version history. Have a project elsewhere? [Import a repository](#).

Required fields are marked with an asterisk (*).

1 **General**

Owner *  Bro-chill	Repository name * test
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test is available.

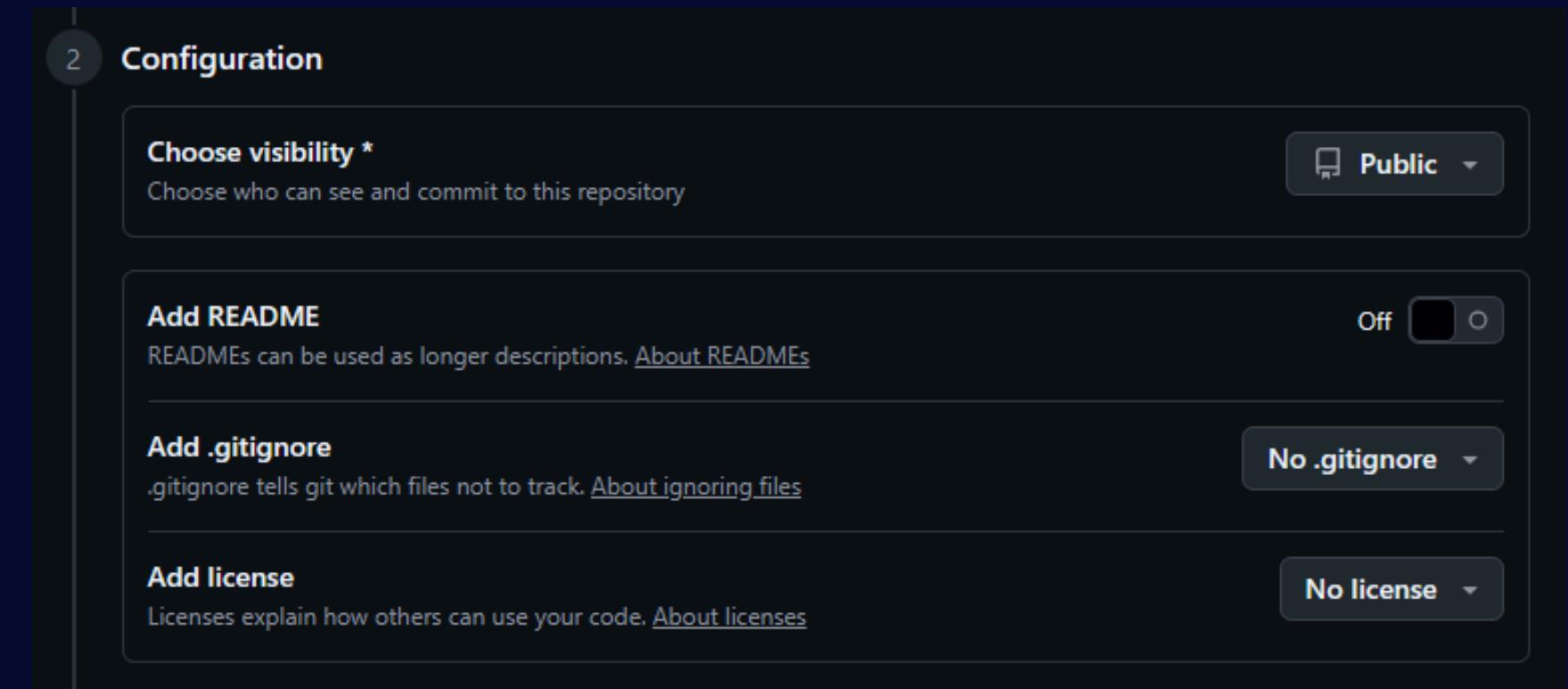
Great repository names are short and memorable. How about [verbose-rotary-phone](#)?

Description

test repo 9 / 350 characters

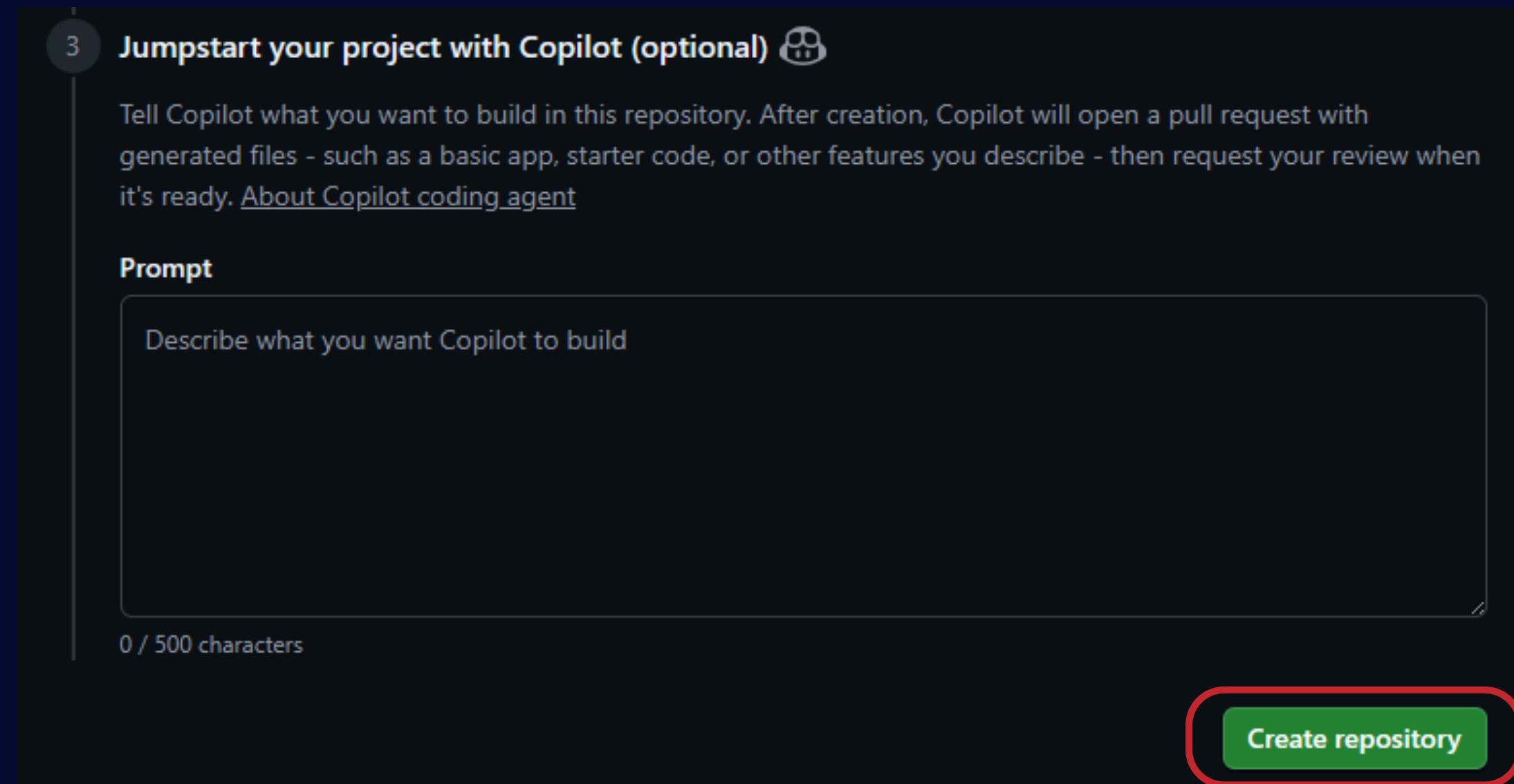
How to create repo:

- Configuration
 - Visibility: Public/Private
(Depends on you)
 - Add README.md: On/Off
(Recommend off, write on IDE)
 - Add .gitignore: No .gitignore
(Create on IDE)
 - Add license: No license (For personal project)



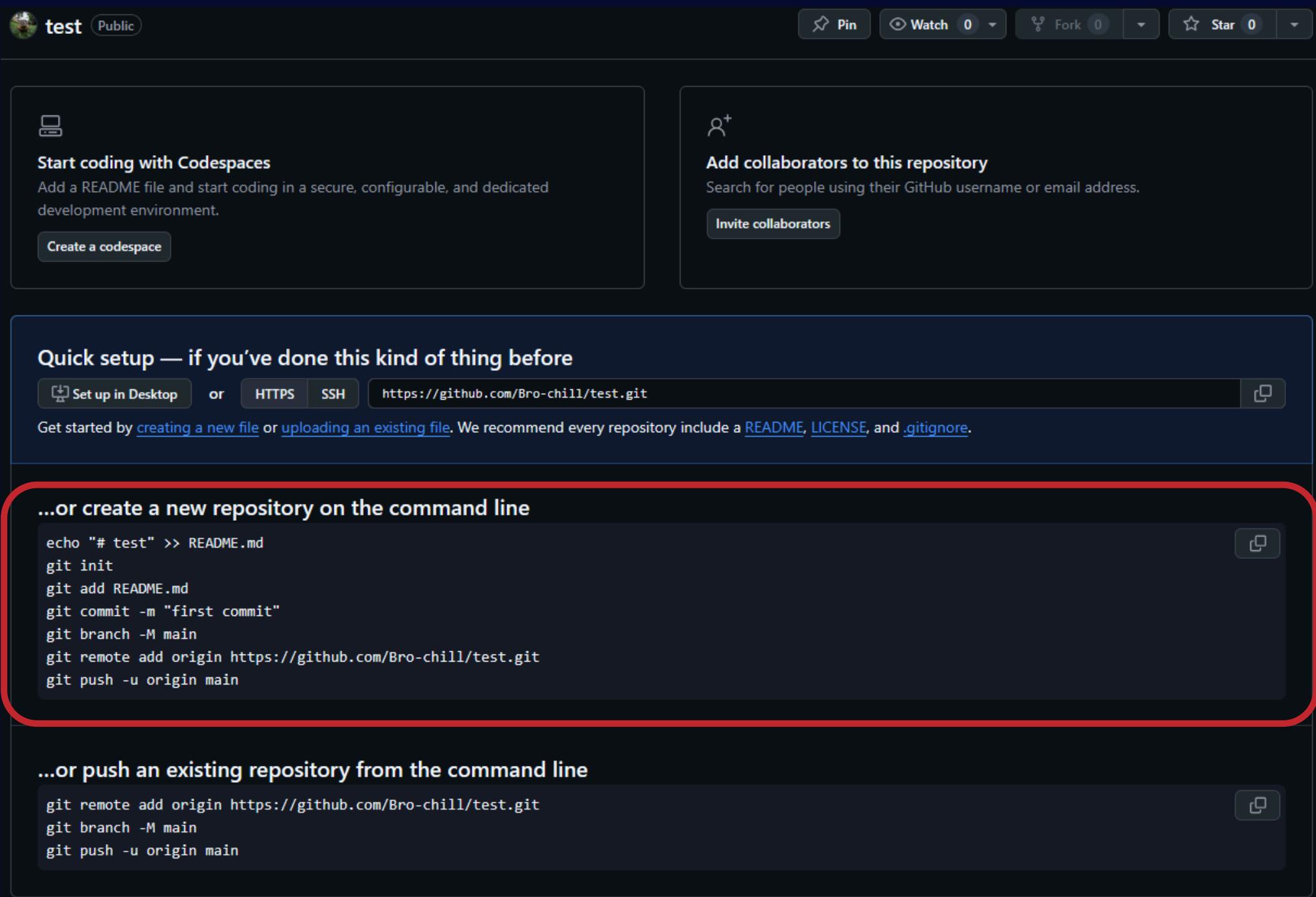
How to create repo:

- Jump start with copilot (optional)
- Click “create repository”



How to create repo:

- Follow provided instruction



How to create repo:

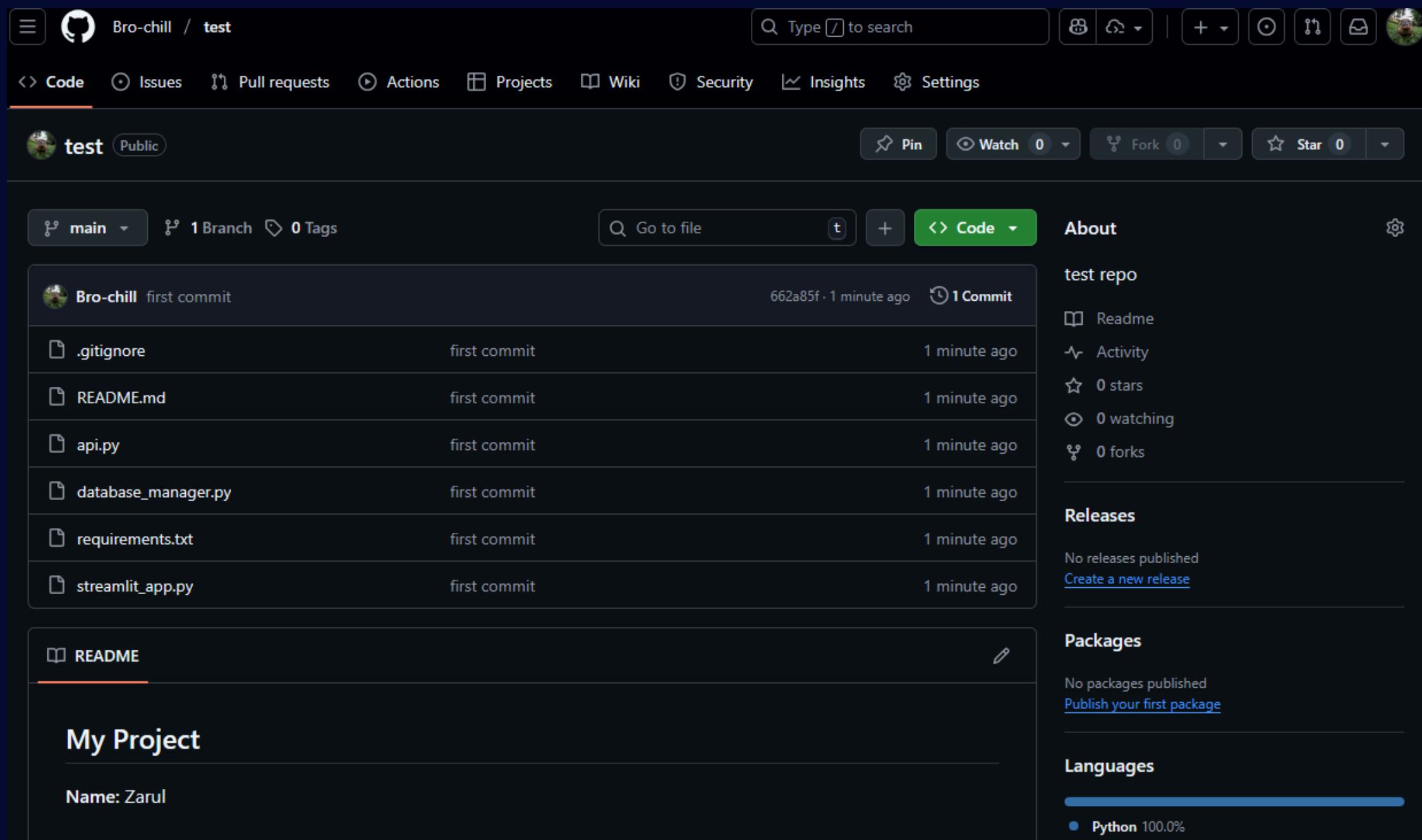
- Run instruction on ide terminal
 - replace “git add README.md” with “git add .”

```
...or create a new repository on the command line
echo "# test" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/Bro-chill/test.git
git push -u origin main
```

- PS C:\Users\admin\Desktop\README\jom_hack\github_example\my_project> git init
Initialized empty Git repository in C:/Users/admin/Desktop/README/jom_hack/github_example/my_project/.git/
● PS C:\Users\admin\Desktop\README\jom_hack\github_example\my_project> git add .
● PS C:\Users\admin\Desktop\README\jom_hack\github_example\my_project> git commit -m "first commit"
[master (root-commit) 662a85f] first commit
 6 files changed, 970 insertions(+)
 create mode 100644 .gitignore
 create mode 100644 README.md
 create mode 100644 api.py
 create mode 100644 database_manager.py
 create mode 100644 requirements.txt
 create mode 100644 streamlit_app.py
● PS C:\Users\admin\Desktop\README\jom_hack\github_example\my_project> git branch -M main
● PS C:\Users\admin\Desktop\README\jom_hack\github_example\my_project> git remote add origin https://github.com/Bro-chill/test.git
● PS C:\Users\admin\Desktop\README\jom_hack\github_example\my_project> git push -u origin main
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 24 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (8/8), 7.87 KiB | 7.87 MiB/s, done.
Total 8 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Bro-chill/test.git
 * [new branch] main -> main
branch 'main' set up to track 'origin/main'.
○ PS C:\Users\admin\Desktop\README\jom_hack\github_example\my_project>

How to create repo:

- Refresh your github web browser



GITHUB



Friendly Reminder:

- Always add .env in your .gitignore
- Do not push to public:
 - API keys
 - tokens
 - OAuth secrets
 - JWT secrets



Cheat Sheet:

- <https://education.github.com/git-cheat-sheet-education.pdf>