1. Setup Git & GitHub
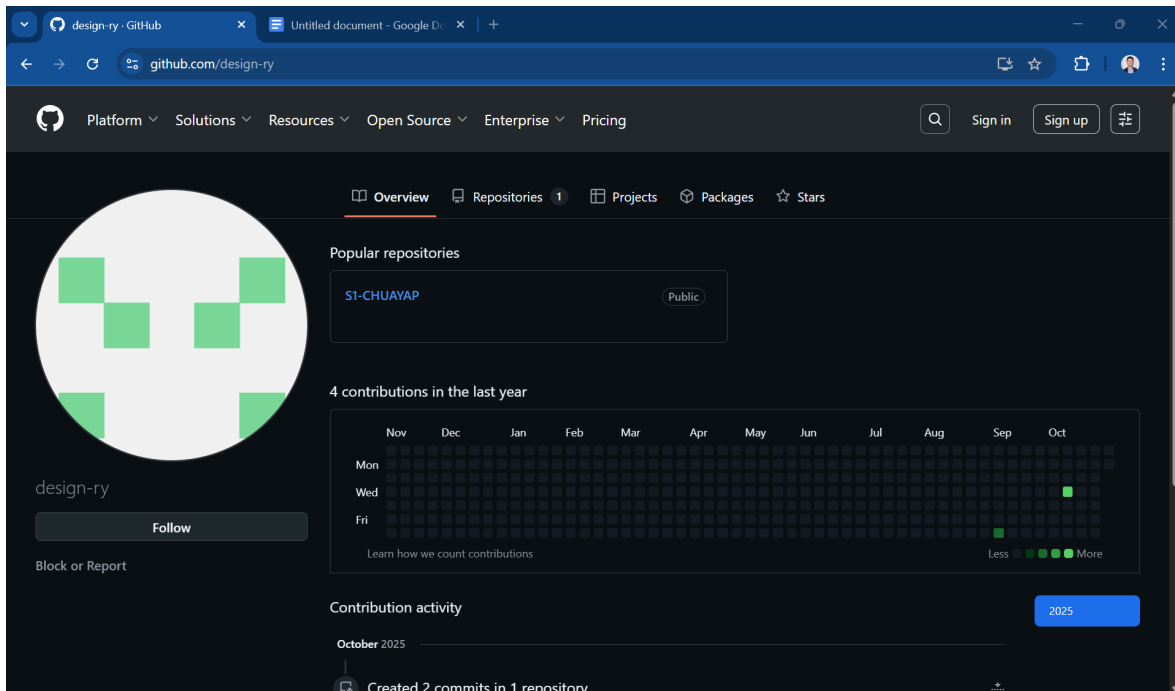
- ○ Ensure Git is installed on your computer.
- ○ Create or log in to your GitHub account.

https://github.com/design-ry/git-exercise-chuayap

2. Create a Repository on GitHub

- ○ Go to GitHub
- ○ Create a new repository named: `git-exercise-<yourname>`.
- ○ Initialize it with a **README.md** file.
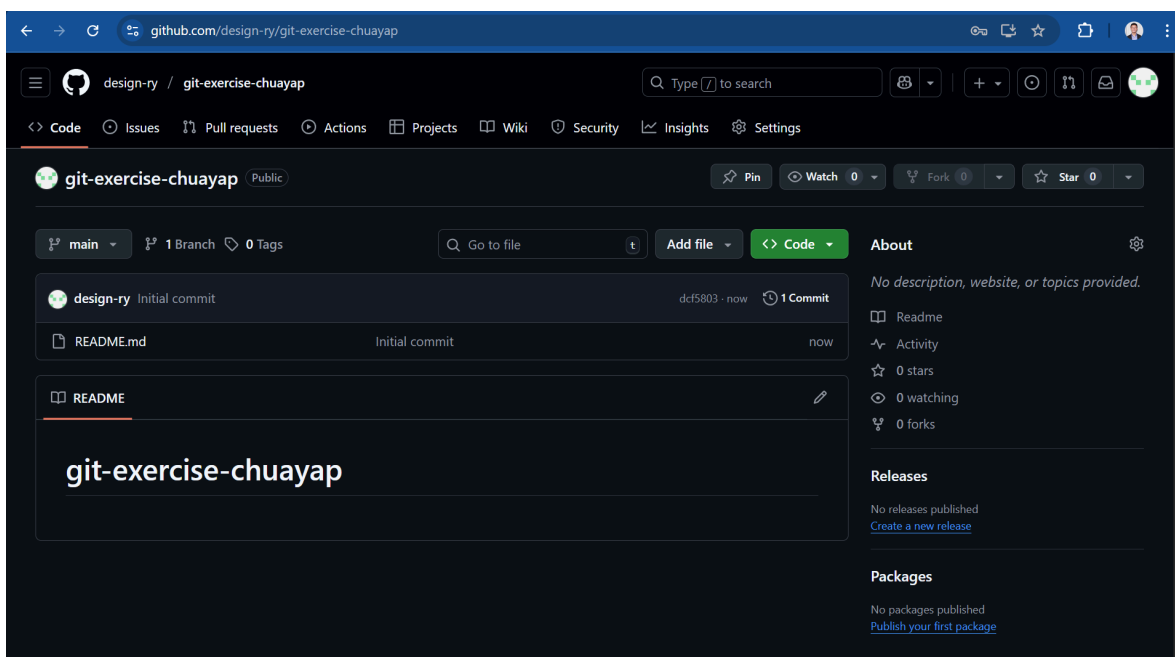
3. Clone the Repository

```
git clone https://github.com/<your-username>/git-exercise-<yourname>.git
cd git-exercise-<yourname>
```

```
Default@LAPTOP-TBJ7CQLS MINGW64 ~
$ git clone https://github.com/design-ry/git-exercise-chuayap.git
Cloning into 'git-exercise-chuayap'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.

Default@LAPTOP-TBJ7CQLS MINGW64 ~
$ cd git-exercise-chuayap

Default@LAPTOP-TBJ7CQLS MINGW64 ~/git-exercise-chuayap (main)
$
```

4. Create a New Branch

- Create a branch named `feature-hello`.

  ```
  git checkout -b feature-hello
  ```

```
Default@LAPTOP-TBJ7CQLS MINGW64 ~/git-exercise-chuayap (main)
$ git checkout -b feature-hello
Switched to a new branch 'feature-hello'

Default@LAPTOP-TBJ7CQLS MINGW64 ~/git-exercise-chuayap (feature-hello)
```

5. Make Changes

- Create a new file named `hello.txt`.
- Add the line:
  ```
  Hello, this is <your name> learning Git!
  ```
- Save the file.

```
Default@LAPTOP-TBJ7CQLS MINGW64 ~/git-exercise-chuayap (feature-hello)
$ echo "Hello, this is Rayan Chuayap learning Git!" > hello.txt
```

6. Stage and Commit the Change

```
git add hello.txt

git commit -m "Add hello.txt with introduction message"
```
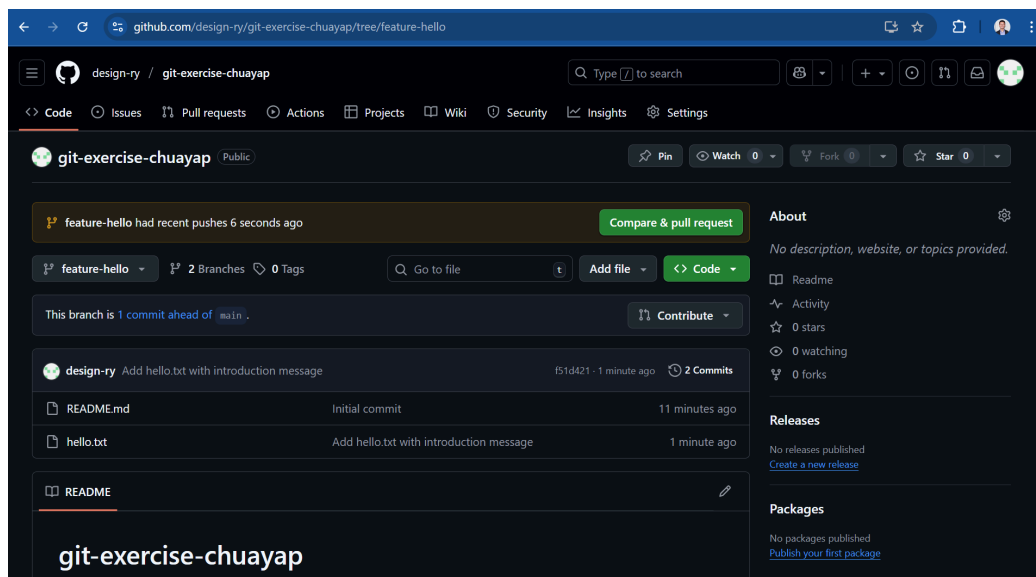
```
Default@LAPTOP-TBJ7CQLS MINGW64 ~/git-exercise-chuayap (feature-hello)
$ git add hello.txt
warning: in the working copy of 'hello.txt', LF will be replaced by CRLF the next ti
me Git touches it

Default@LAPTOP-TBJ7CQLS MINGW64 ~/git-exercise-chuayap (feature-hello)
$ git commit -m "Add hello.txt with introduction message"
[feature-hello f51d421] Add hello.txt with introduction message
 1 file changed, 1 insertion(+)
 create mode 100644 hello.txt
```
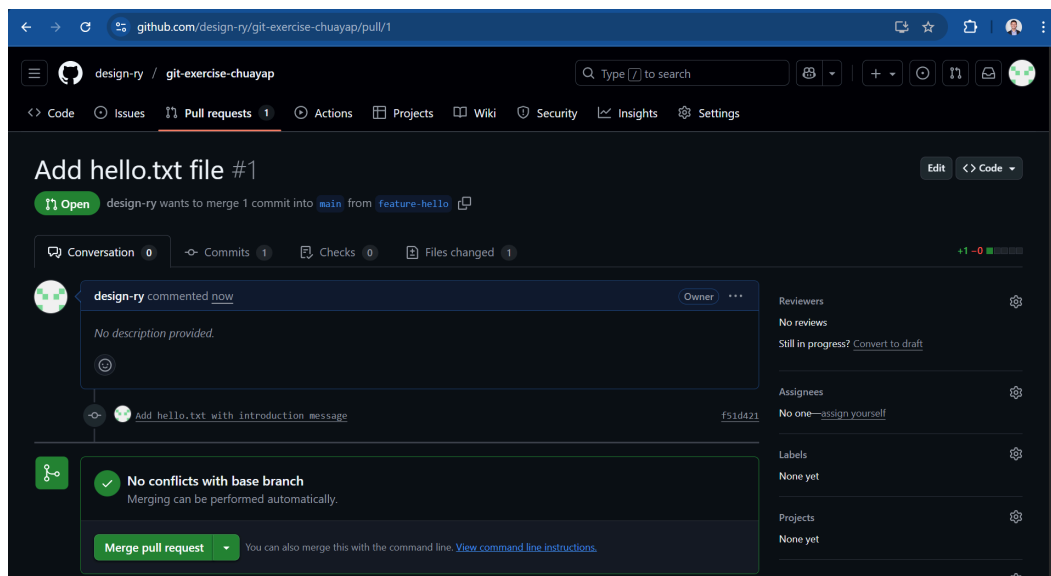
7. Push the Branch to GitHub
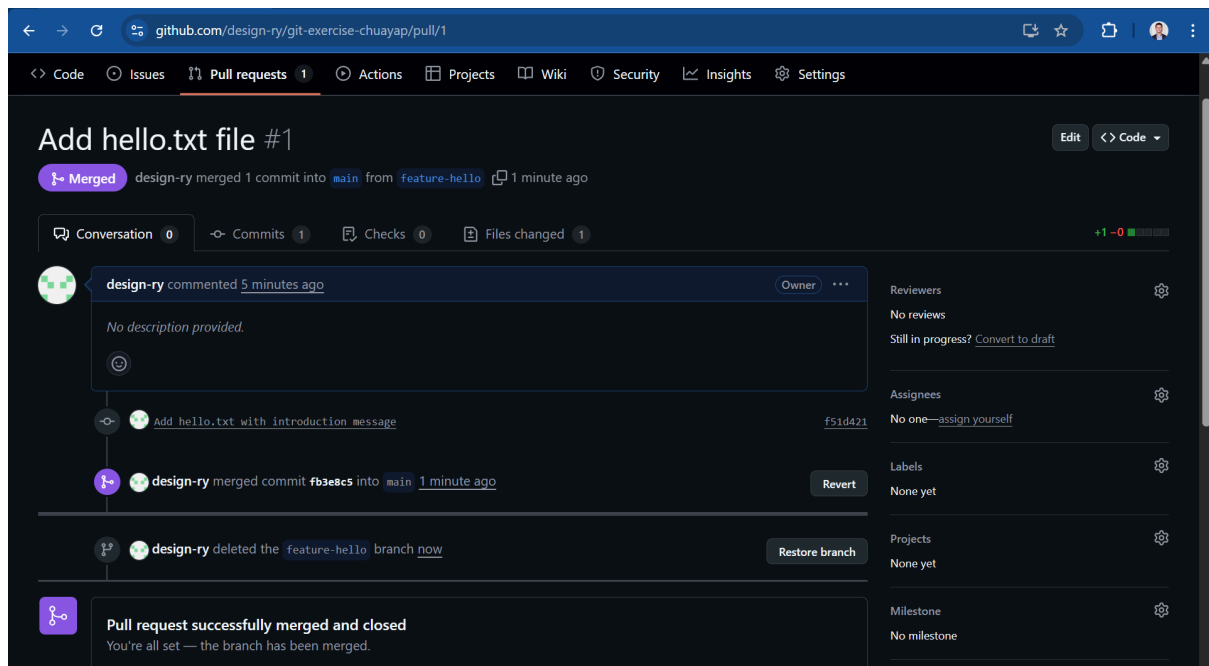
```
git push origin feature-hello
```


8. Create a Pull Request (PR)

- Go to your GitHub repository in the browser.
- You will see a prompt to create a pull request for your new branch.
- Submit the PR with the title: `"Add hello.txt file"`.

9. Merge the Pull Request

- ○ Once the pull request is created, merge it into the `main` branch.
- ○ Delete the `feature-hello` branch after merging.

10. Verification

- ○ Check the `main` branch on GitHub.
- ○ Confirm that `hello.txt` is now part of the project.