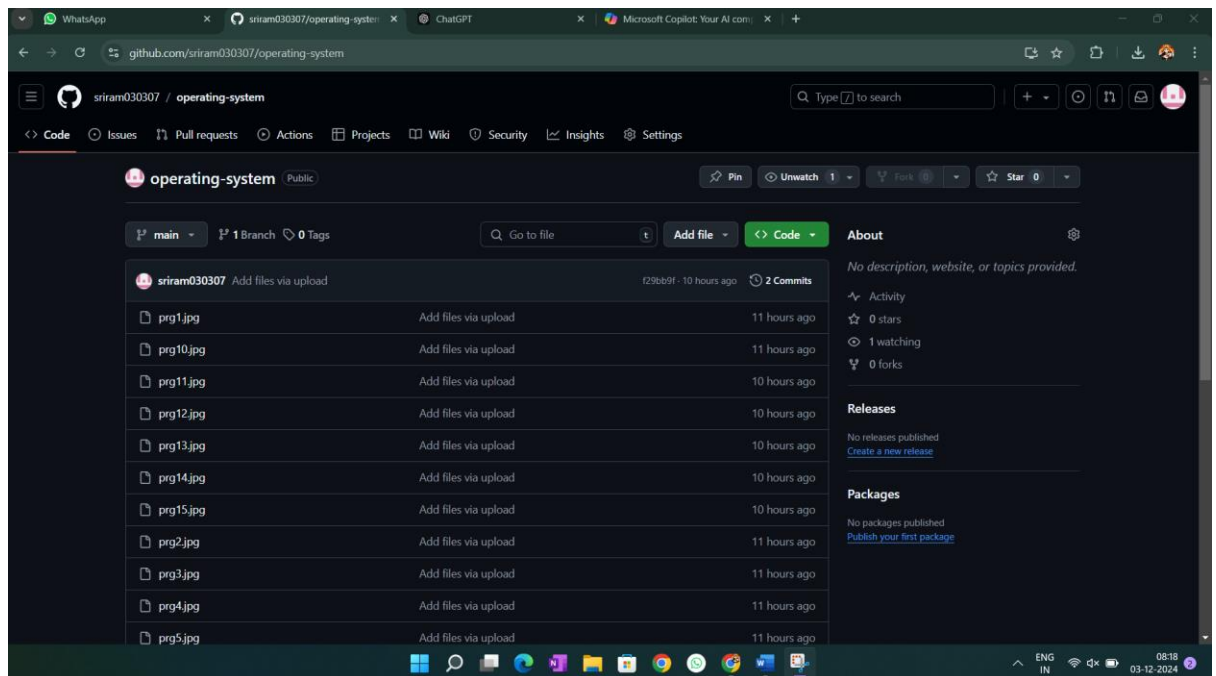


To clone a GitHub repository to your local computer, follow these steps:

1. Open GitHub Repository

- Go to the [GitHub repository](#) you want to clone.
- You should see a page like this:

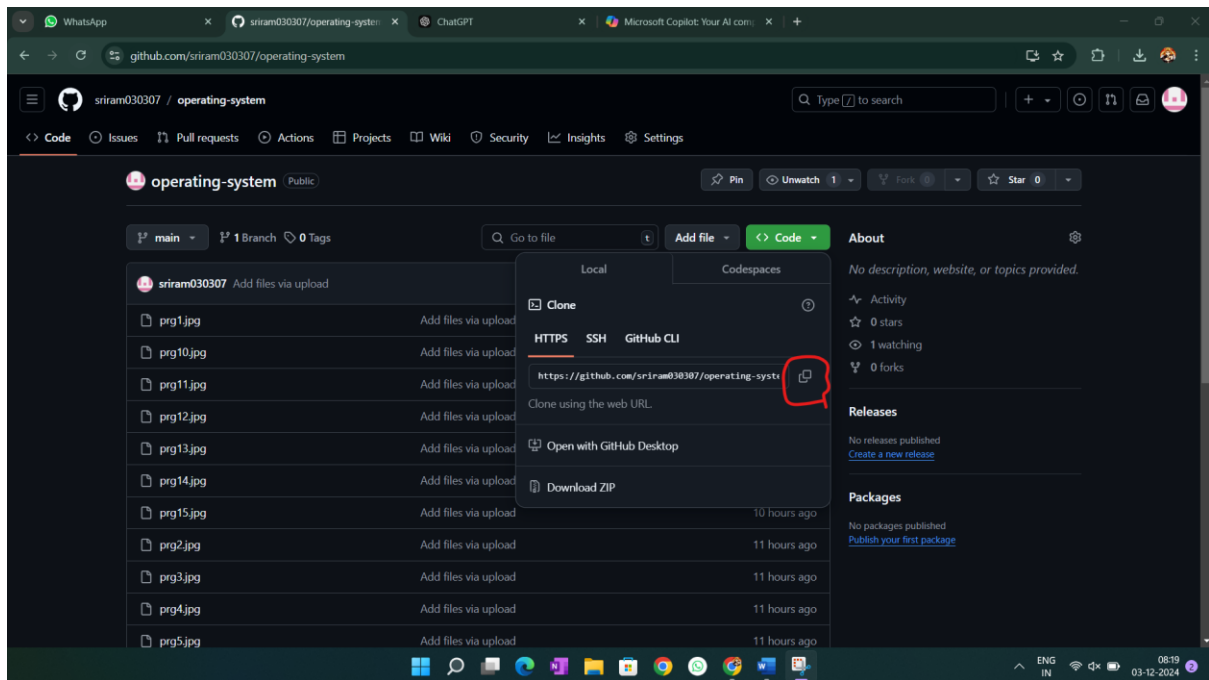


2. Find the Clone Button

- On the repository page, find the **"Code"** button on the right side (above the file list).

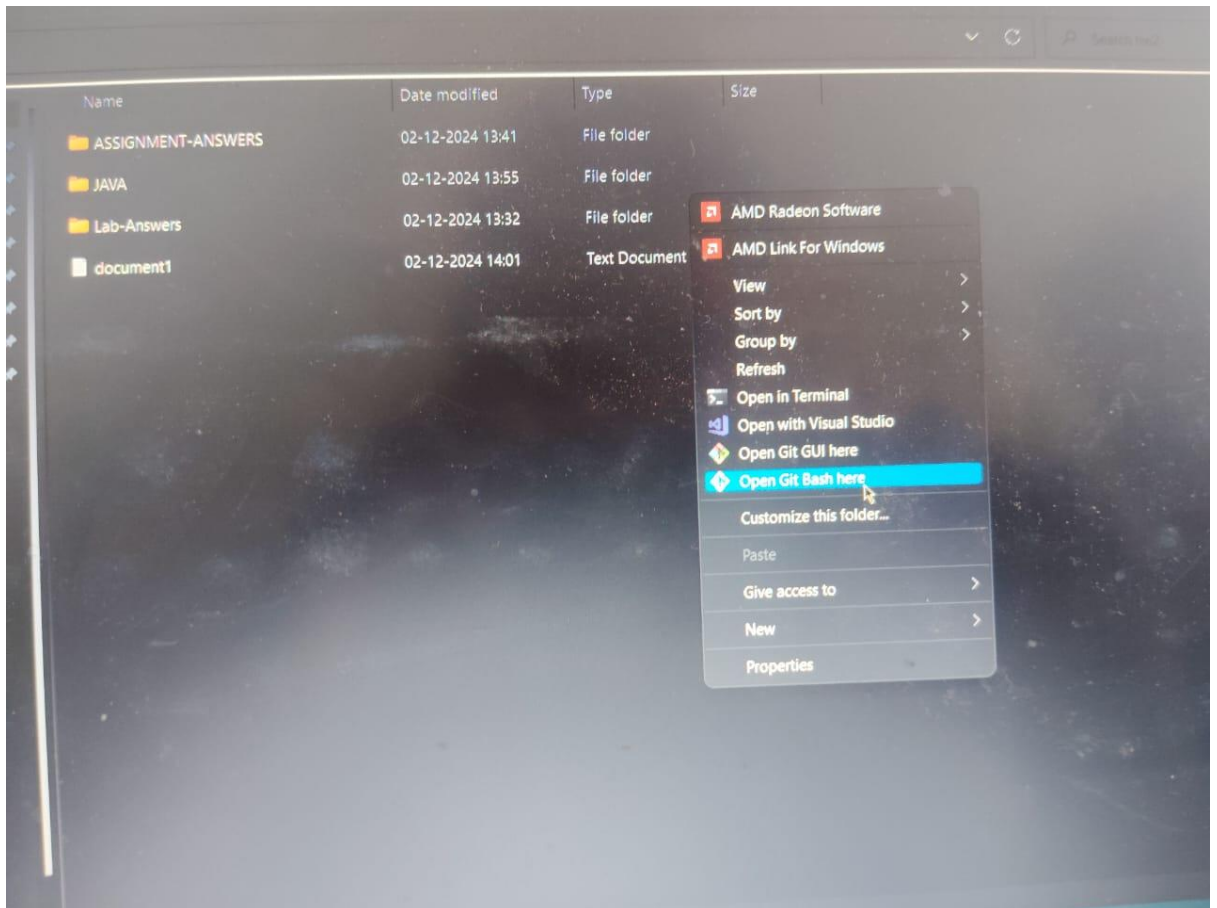
3. Copy the Clone URL

- After clicking the "Code" button, you'll see the clone options.
 - You can clone using HTTPS, SSH, or GitHub CLI.
- For now, copy the **HTTPS URL** (it will look like `https://github.com/username/repository.git`).
 - Click the copy button next to the URL:



4. Open Your Terminal/Command Prompt

- Open your **Terminal** on macOS or Linux, or **Command Prompt** on Windows.
- You can also use **Git Bash** (a terminal that comes with Git).

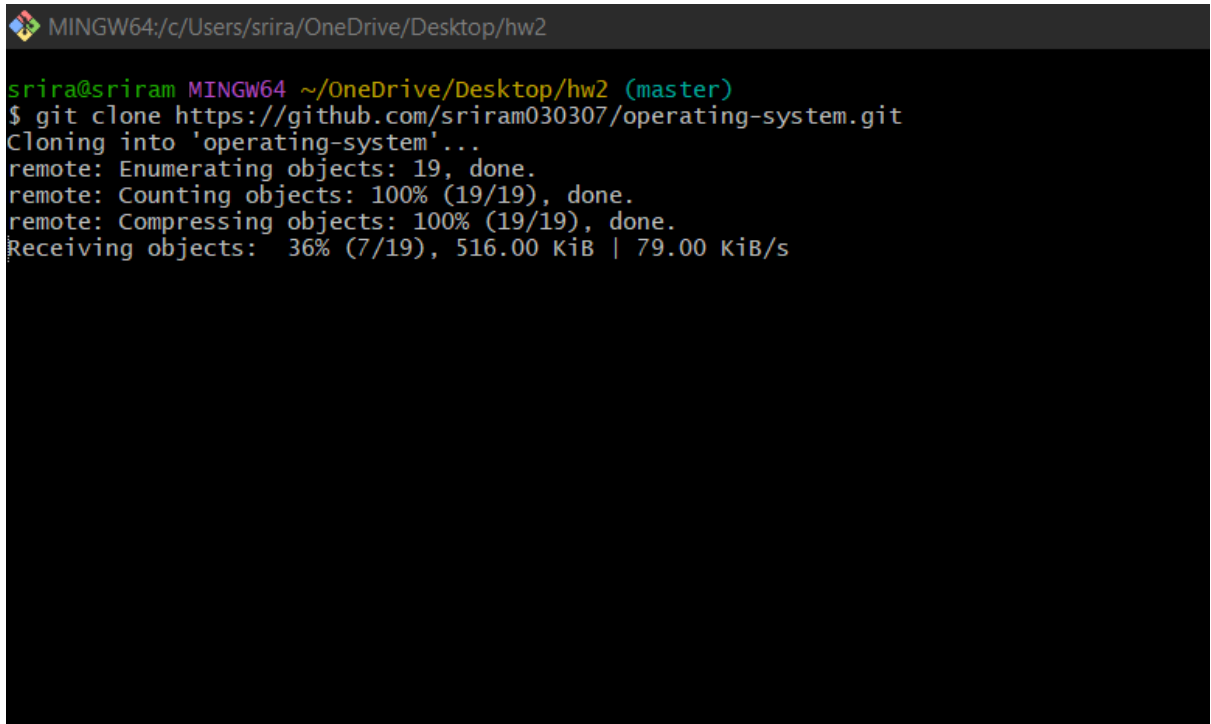


5. Navigate to the Folder Where You Want to Clone the Repo

- Use the `cd` command to navigate to the directory where you want to clone the repo.
- For example, to go to the "Documents" directory, use:
- `cd Documents`

6. Run the Clone Command

- In your terminal, type the following command:
- `git clone https://github.com/username/repository.git`
- Replace `https://github.com/username/repository.git` with the URL you copied earlier.



```
MINGW64:/c/Users/srira/OneDrive/Desktop/hw2
srira@sriram MINGW64 ~/OneDrive/Desktop/hw2 (master)
$ git clone https://github.com/sriram030307/operating-system.git
Cloning into 'operating-system'...
remote: Enumerating objects: 19, done.
remote: Counting objects: 100% (19/19), done.
remote: Compressing objects: 100% (19/19), done.
Receiving objects: 36% (7/19), 516.00 KiB | 79.00 KiB/s
```

7. Press Enter

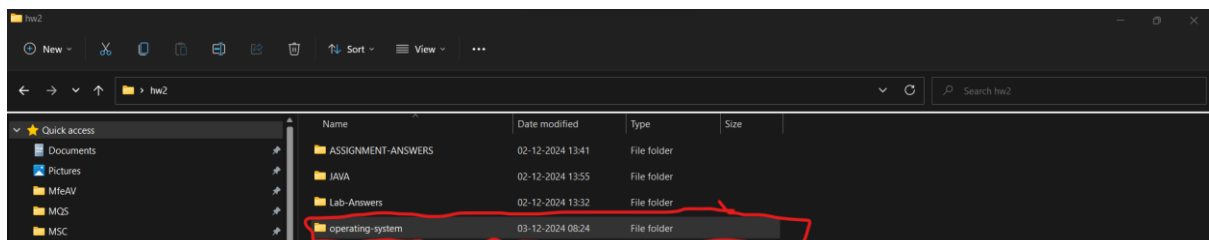
- Press **Enter** after typing the command. Git will now clone the repository to your local machine.
- You will see output like this:
- Cloning into 'repository'...
- remote: Enumerating objects: 10, done.
- remote: Counting objects: 100% (10/10), done.
- remote: Compressing objects: 100% (8/8), done.
- Receiving objects: 100% (10/10), done.

```
MINGW64:/c/Users/srira/OneDrive/Desktop/hw2

srira@sriram MINGW64 ~/OneDrive/Desktop/hw2 (master)
$ git clone https://github.com/sriram030307/operating-system.git
Cloning into 'operating-system'...
remote: Enumerating objects: 19, done.
remote: Counting objects: 100% (19/19), done.
remote: Compressing objects: 100% (19/19), done.
Receiving objects: 36% (7/19), 516.00 KiB | 79.00 KiB/s
```

8. Navigate into the Cloned Repository

- After cloning, you need to navigate into the repository directory:
- `cd repository`
 - Replace repository with the actual name of the repository.



9. Check the Repository Files

- List the files in the repository with:
- `ls`
- You should see the files from the repository on your local machine.

That's it! You've successfully cloned a repository from GitHub to your local machine. You can now work with the files, make changes, and push them back to GitHub when you're ready.