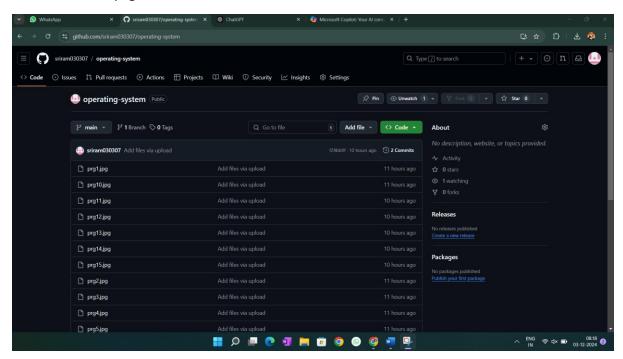
To clone a GitHub repository to your local computer, follow these steps:

### 1. Open GitHub Repository

- Go to the <u>GitHub repository</u> you want to clone.
- You should see a page like this:

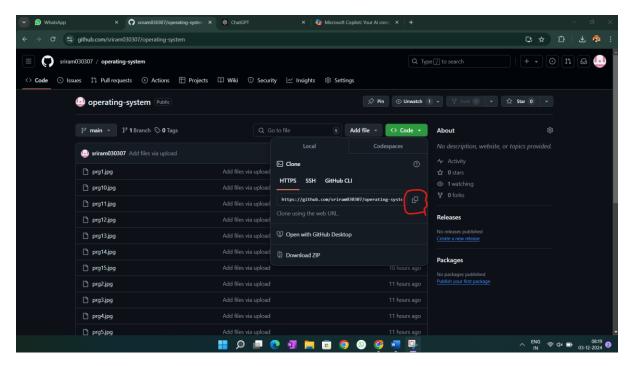


# 2. Find the Clone Button

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

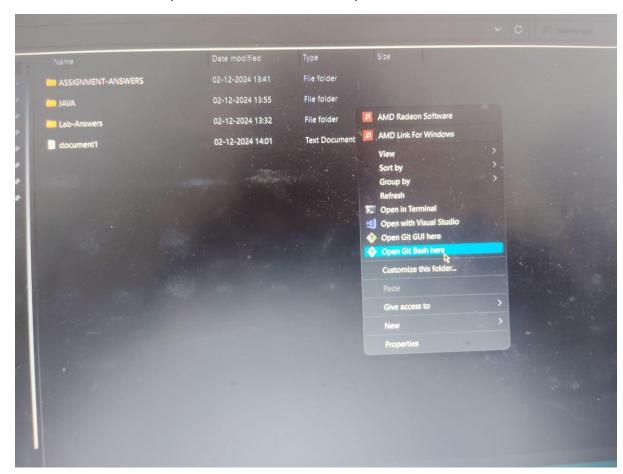
# 3. Copy the Clone URL

- After clicking the "Code" button, you'll see the clone options.
  - o 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).
  - o 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
```

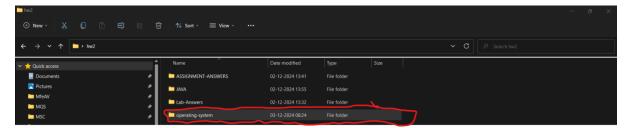
#### 7. Press Enter

- 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:
- Is
- 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.