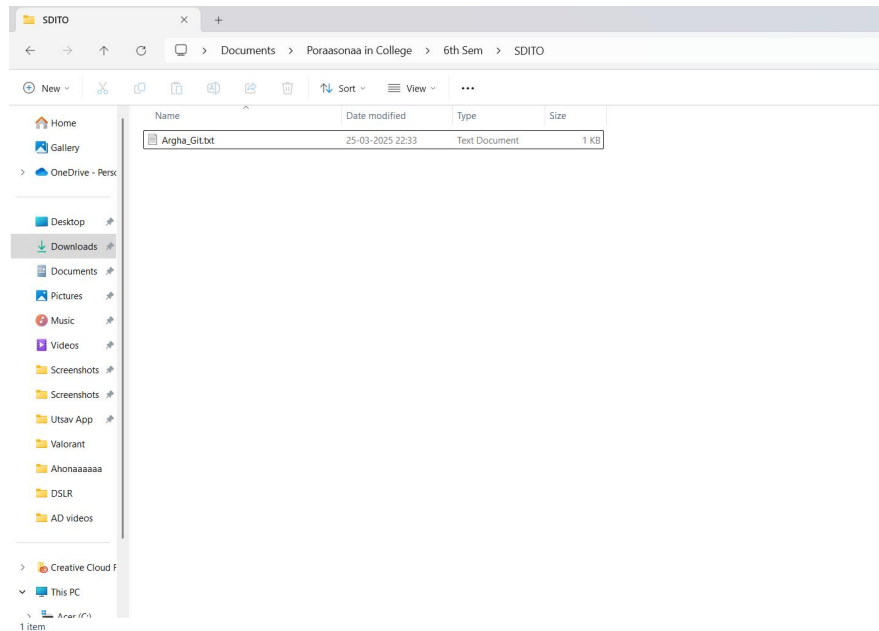


# ASSIGNMENT NO :- 08

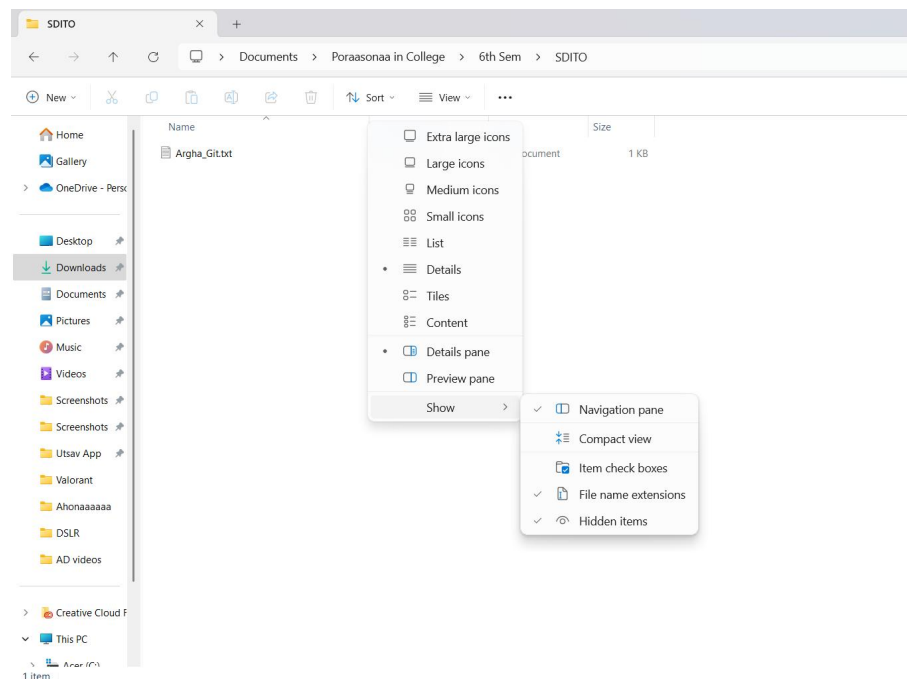
**TITLE :-** Deploy a project from local machine to GitHub and vice versa.

## **Deploy a project from local machine to GitHub**

**STEP 01 :-** Create a **File** in your local machine that you want to deploy in Github

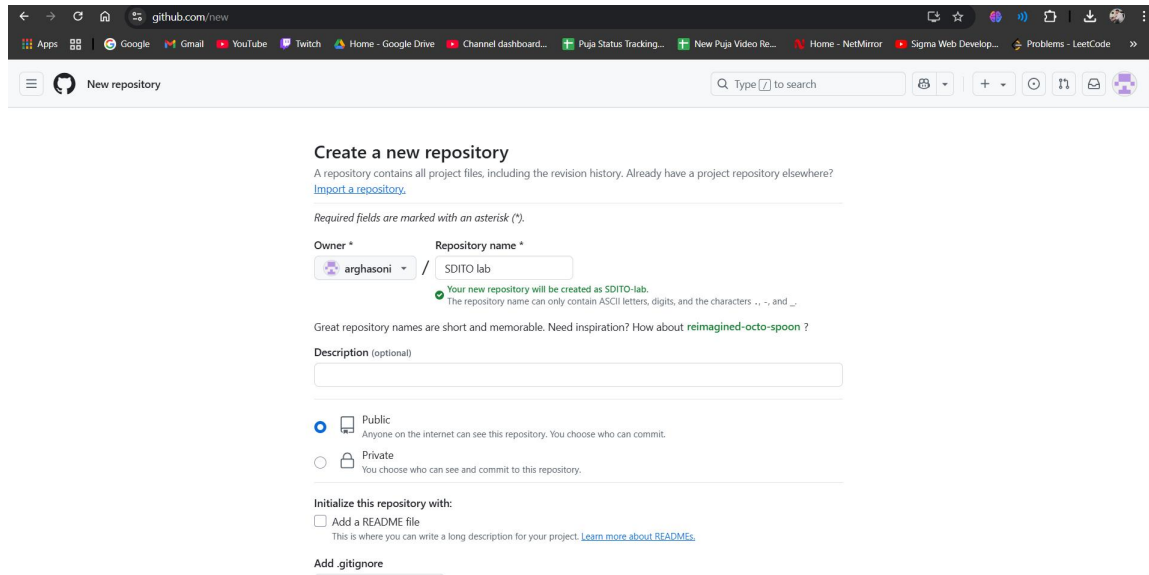


**STEP 02 :-** Enable to show all **Hidden items** in your folder.



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**STEP 03 :-** Login to your **GitHub account** and click on **New** on left hand side to create New repository by giving it a name and selecting **Public** to give access to all.



github.com/new

New repository

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (\*).

Owner \* Repository name \*

arghasoni / SDITO lab

✓ Your new repository will be created as SDITO-lab.  
The repository name can only contain ASCII letters, digits, and the characters -, ., and \_.

Great repository names are short and memorable. Need inspiration? How about [reimagined-octo-spoon](#)?

Description (optional)

☒ 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.

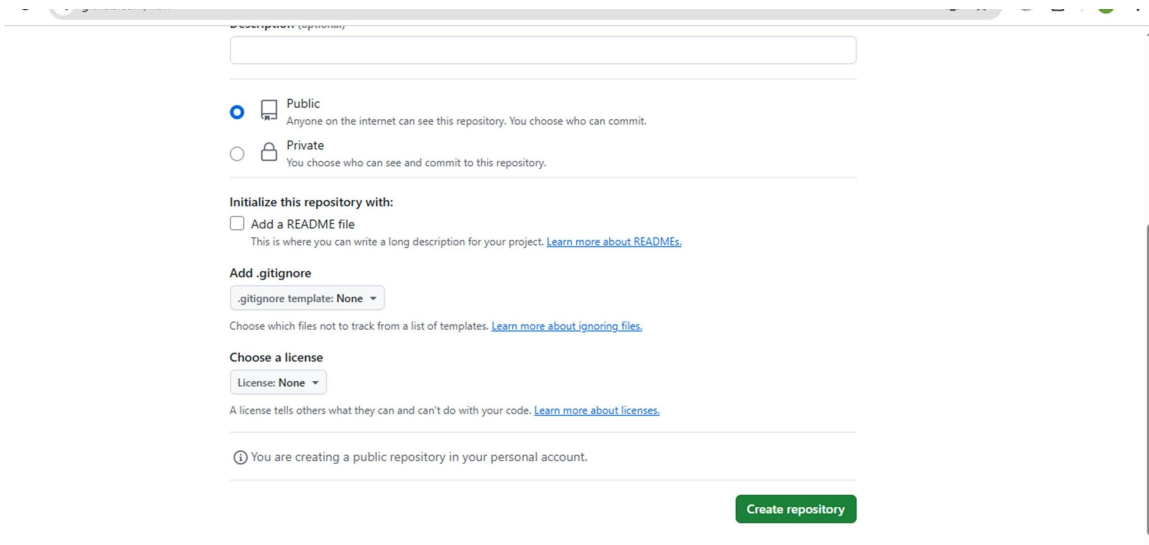
Initialize this repository with:

☐ Add a README file  
This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

Create repository

**STEP 04:-** Click on **Create Repository** at bottom of your page



Public

Private

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

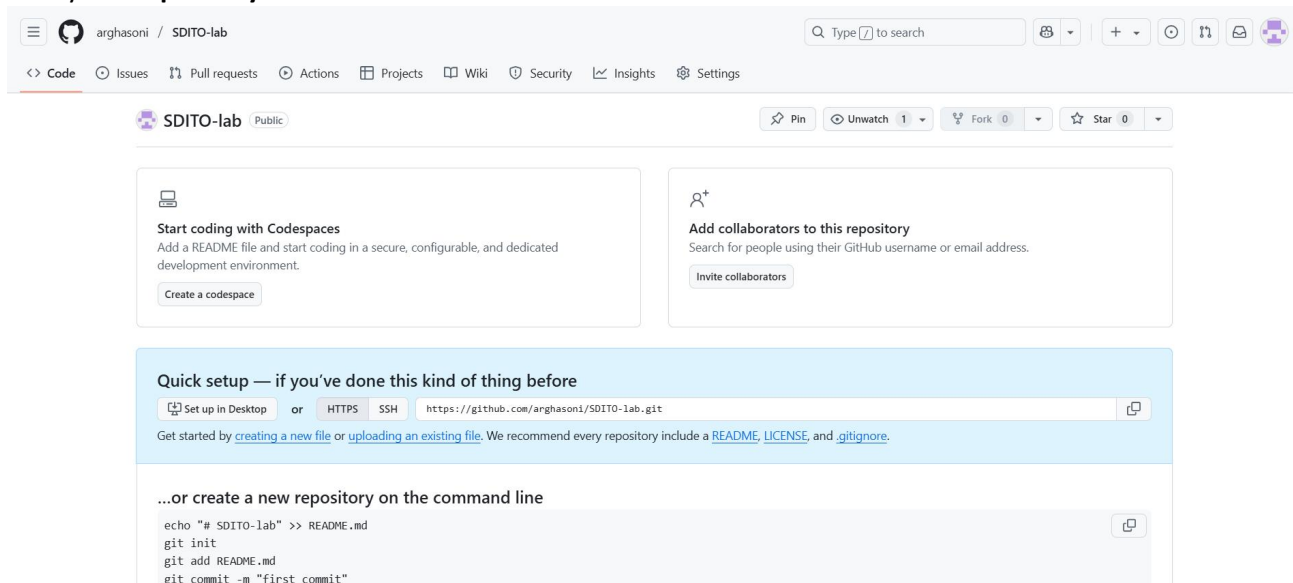
License: None

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

ⓘ You are creating a public repository in your personal account.

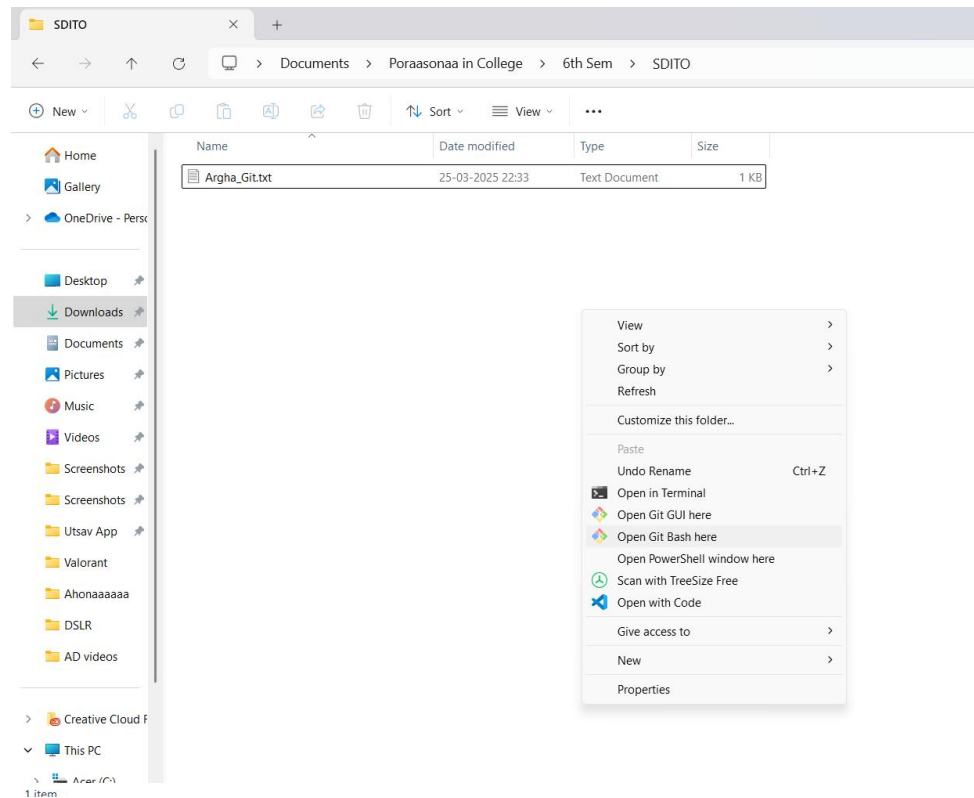
Create repository

**STEP 05 :-** Now your Repository is created where you need to deploy your project and **Copy** your **Repository Link** Given in blue Colour.



**STEP 08 :-** Now Download Git Bash

>> And Open Your Folder in Git Bash



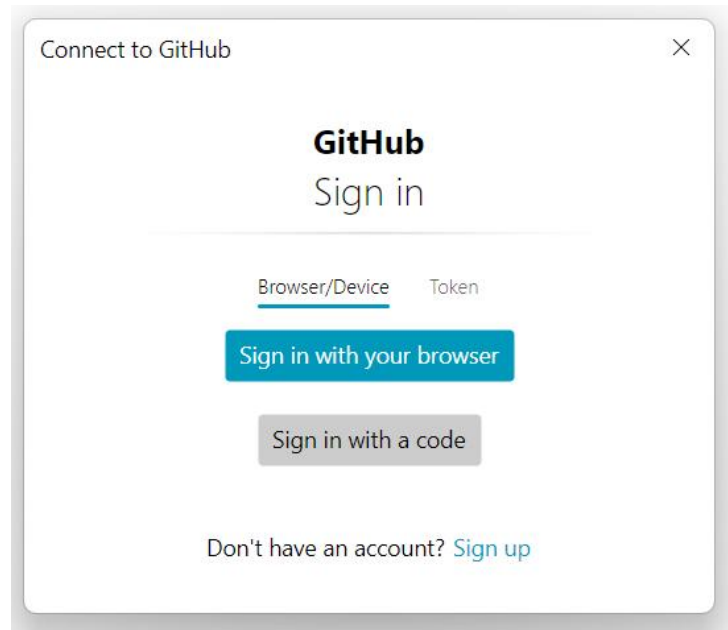
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>> Write the following Command in The Git Bash Terminal.

- git init :
- git add .
- git commit -m "First Commit"
- git remote add origin <Paste your Repository Link Here>
- git push origin

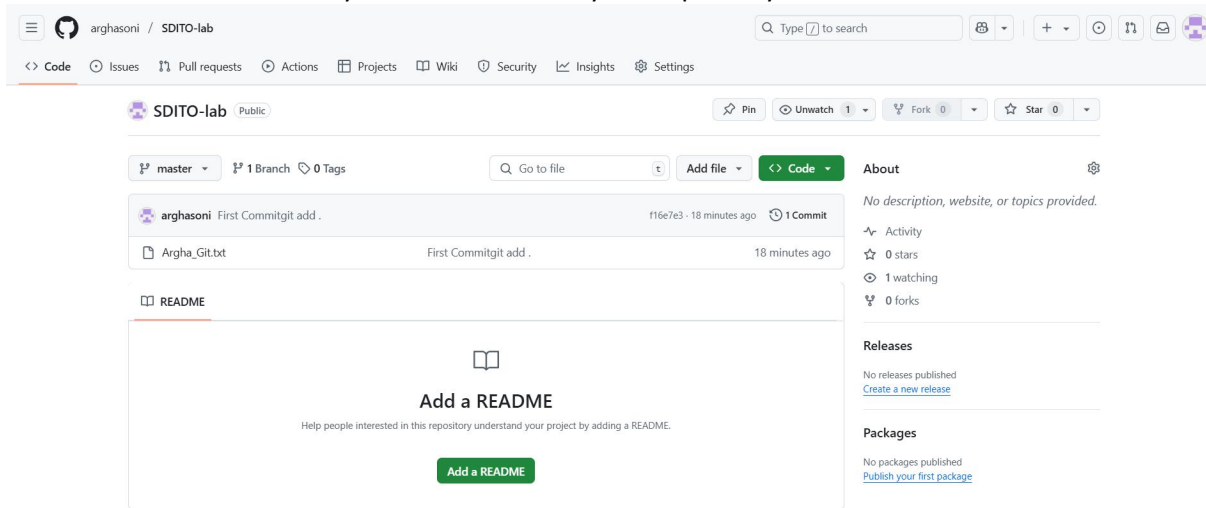
```
MINGW64~/Users/argha/OneDrive/Documents/Poraasonaa in College/6th Sem/SDITO
argha@SONI MINGW64 ~/OneDrive/Documents/Poraasonaa in College/6th Sem/SDITO
$ git init
Initialized empty Git repository in C:/Users/argha/OneDrive/Documents/Poraasonaa in college/6th sem/SDITO/.git/
argha@SONI MINGW64 ~/OneDrive/Documents/Poraasonaa in College/6th Sem/SDITO (master)
$ git add .
argha@SONI MINGW64 ~/OneDrive/Documents/Poraasonaa in College/6th Sem/SDITO (master)
$ git commit -m "First Commit!!"
git commit -m "First Commitgit add ."
[master (root-commit) f16e7e3] First Commitgit add .
1 file changed, 1 insertion(+)
create mode 100644 Argha_Git.txt
argha@SONI MINGW64 ~/OneDrive/Documents/Poraasonaa in College/6th Sem/SDITO (master)
$ git remote add origin https://github.com/arghasoni/SDITO-lab.git
argha@SONI MINGW64 ~/OneDrive/Documents/Poraasonaa in College/6th Sem/SDITO (master)
$ git push -u origin master
```

**STEP 09 :-** Now a pop up box of **Connect to GitHub** will appear and click on **Sign in with Your Browser**



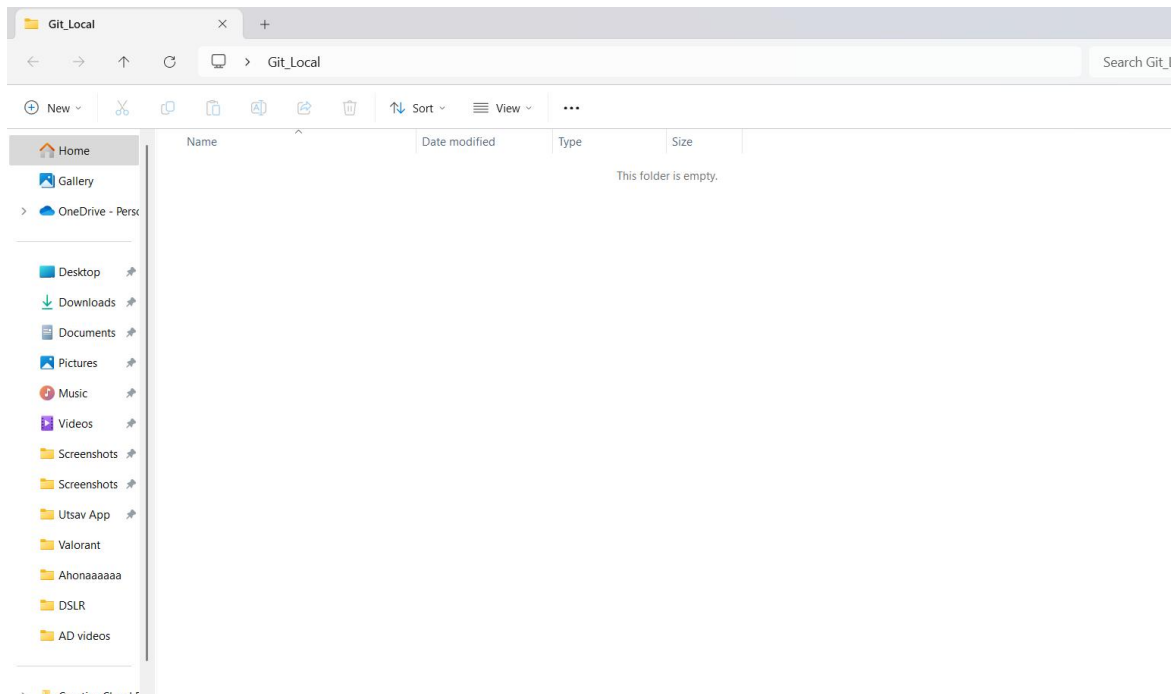
>> Give your **Login detail** of **GitHub** to get the access.

>> Now You can see your file is added to your Repository

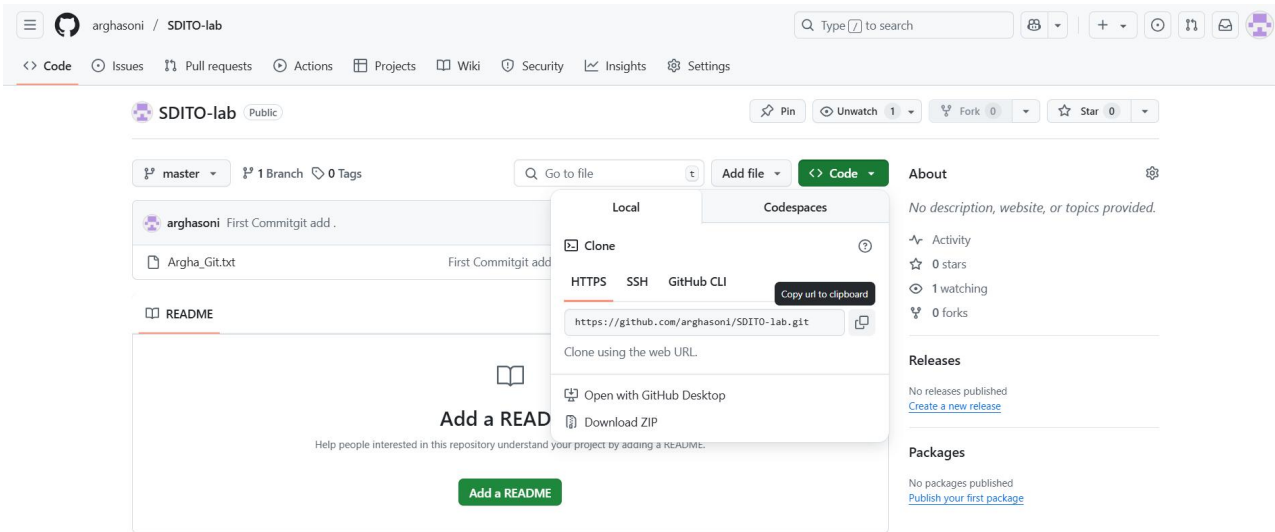


## Deploy a project from GitHub to Local machine

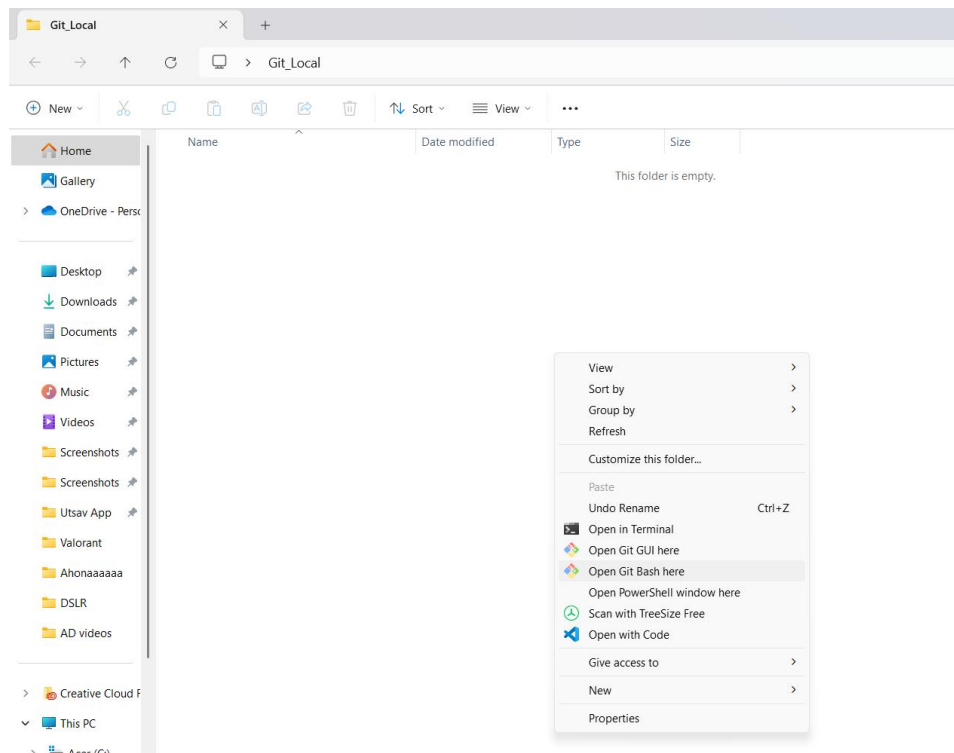
**STEP 01 :-** Create a folder In your Local Machine where you want to store your project



**STEP 02 :-** Now Go to the **Repository** where you have stored your project and click on **Code** in right hand side and **copy its URL**



**STEP 03 :-** Now Open Git Bash here in your created folder



**STEP 04 :-** Write the following Command in The Git Bash Terminal.

- git clone <Paste your Repository Link Here>

MINGW64:/c:/Users/argha/OneDrive/Desktop/Git\_Local

```
argha@SONI MINGW64 ~/OneDrive/Desktop/Git_Local
$ git clone https://github.com/arghasoni/SDITO-lab.git
Cloning into 'SDITO-lab'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
```

```
argha@SONI MINGW64 ~/OneDrive/Desktop/Git_Local
$
```

**STEP 05 :-** You can see your Project folder is added to your local machine

