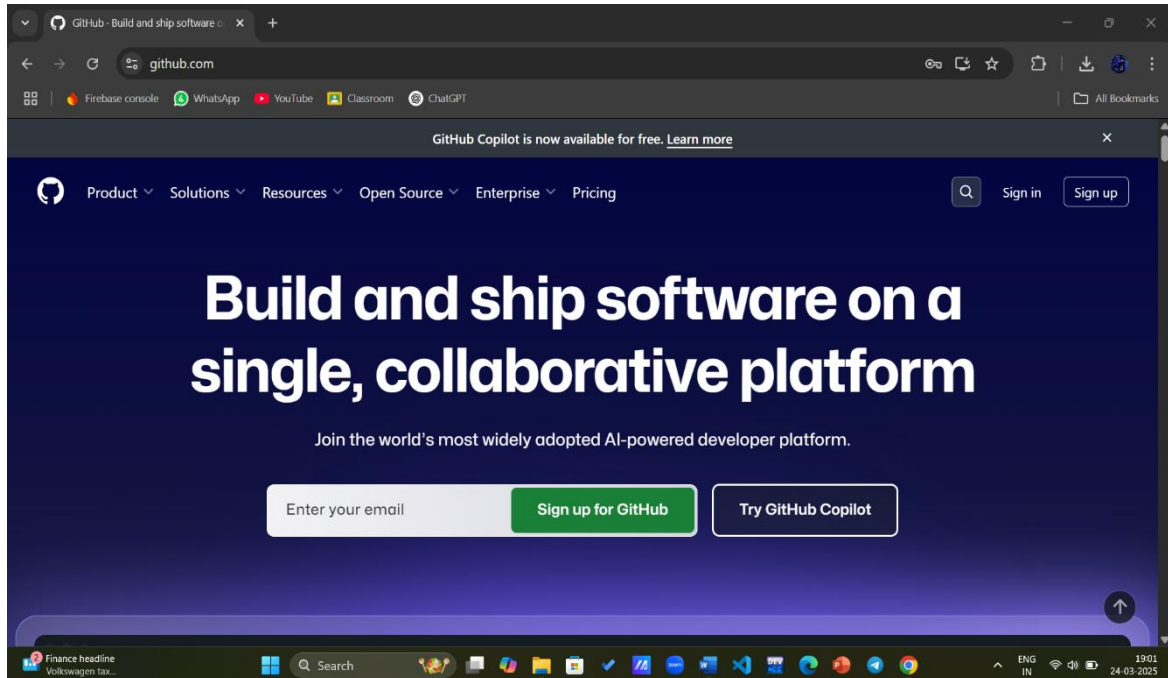


Assignment No:08

Title: Deploy a project from a local machine to GitHub and vice versa.

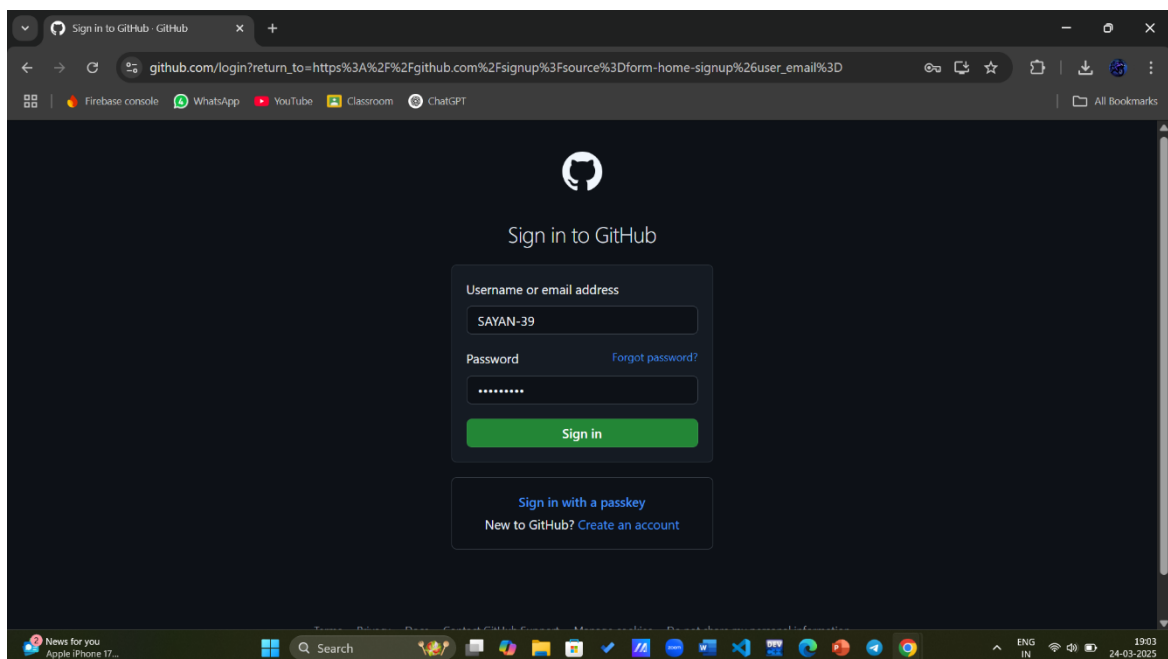
Step-1:

Open github in browser and click on login.



Step-2:

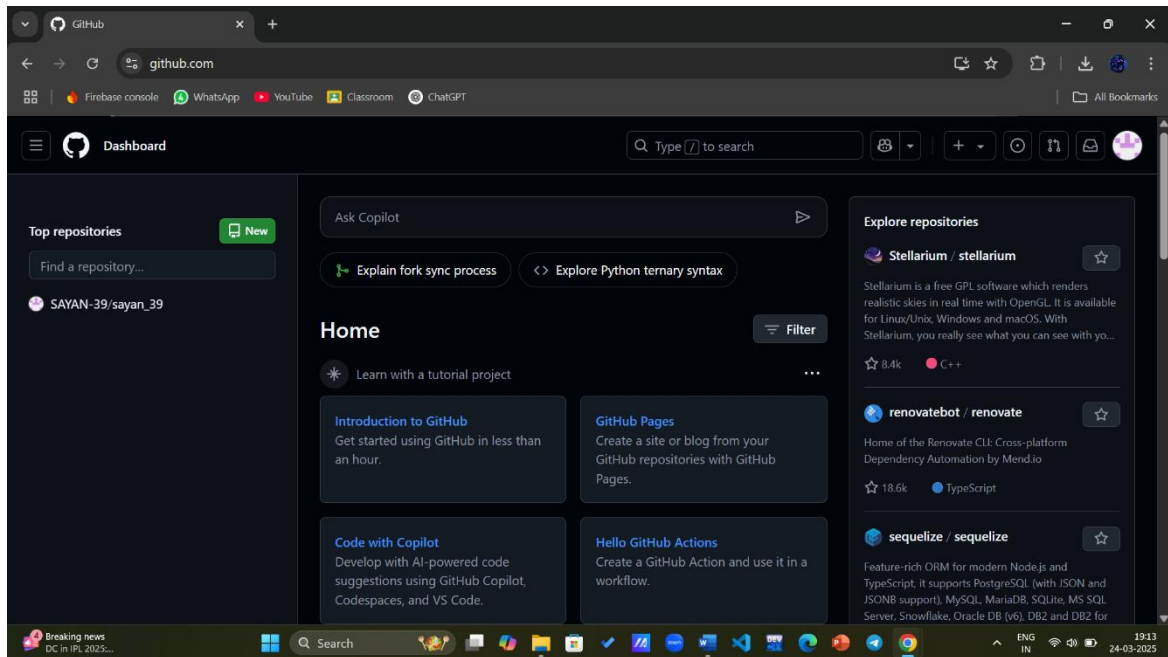
Log into github using your username or email and password.



Name:Sayan Barik
Class:CSE(DS)/22/039

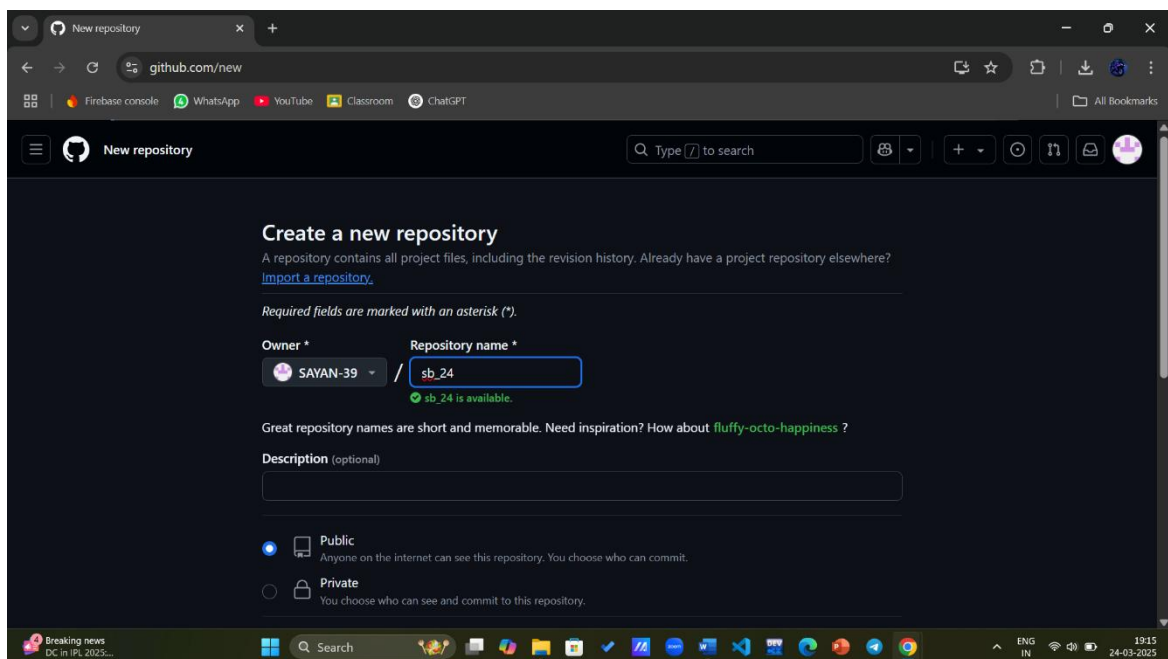
Step-3:

At the left side click on the New button to create new repository.



Step-4:

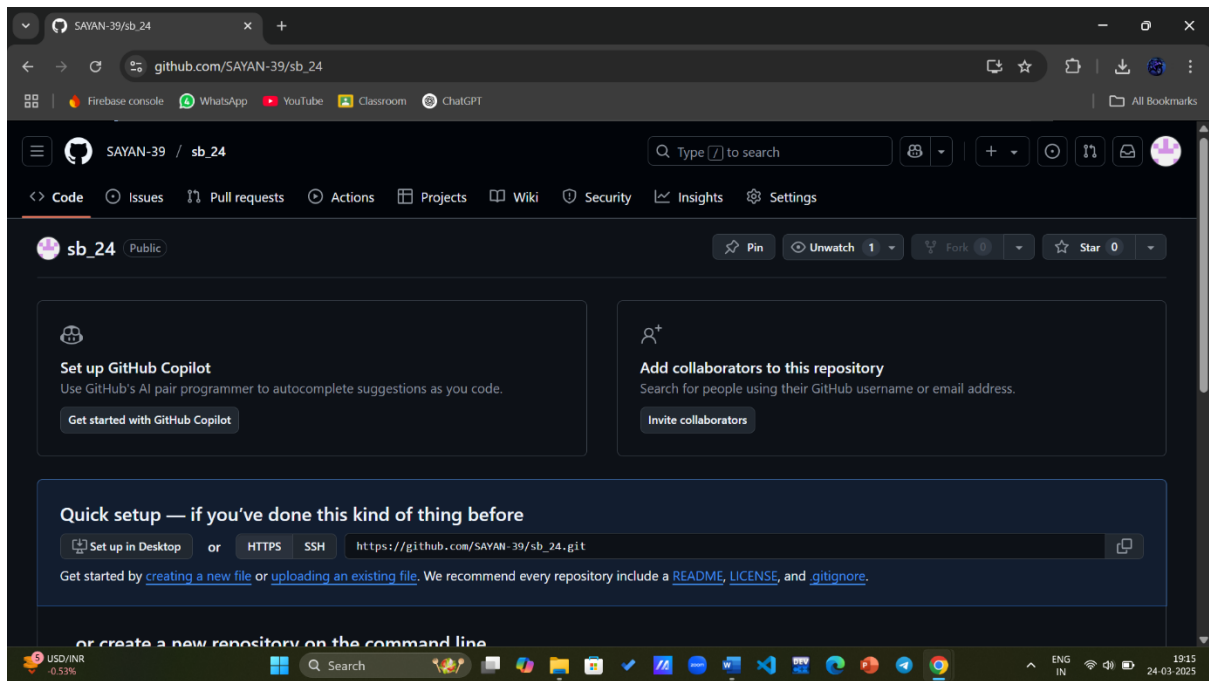
Give a name to the repository and click on create repository.



Step-5:

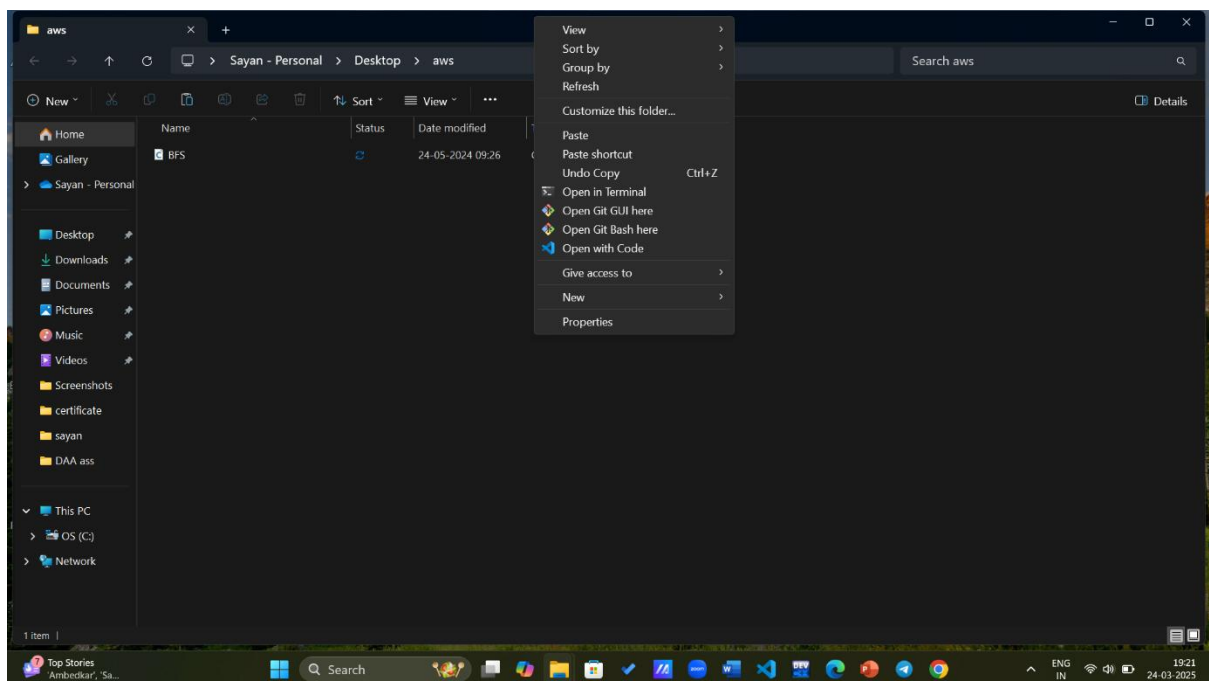
Now copy the link of the repository from quick setup.

Name:Sayan Barik
Class:CSE(DS)/22/039



Step-6:

Open the local folder and right click then click on Open Git Bash here.



Step-7:

Initialize an empty git repository using the command git init.

Name:Sayan Barik
Class:CSE(DS)/22/039

```
MINGW64 C:/Users/sayan/OneDrive/Desktop/aws
C:\Users\sayan\OneDrive\Desktop\aws>git init
Initialized empty Git repository in C:/Users/sayan/OneDrive/Desktop/aws/.git/
C:\Users\sayan\OneDrive\Desktop\aws>git status
On branch master
nothing to commit, working tree clean
```

Step-8:

Then add the origin using command git remote add origin and paste the link copied from github.

```
NGW64 C:/Users/sayan/OneDrive/Desktop/aws
C:\Users\sayan\OneDrive\Desktop\aws>git init
Initialized empty Git repository in C:/Users/sayan/OneDrive/Desktop/aws/.git/
C:\Users\sayan\OneDrive\Desktop\aws>git status
On branch master
nothing to commit, working tree clean
C:\Users\sayan\OneDrive\Desktop\aws>git remote add origin https://github.com/SAYAN-39/sb_24.git
C:\Users\sayan\OneDrive\Desktop\aws>git status
On branch master
nothing to commit, working tree clean
```

Step-9:

Add all the files in the folder using the command git add .

Name:Sayan Barik
Class:CSE(DS)/22/039

```
sayan@SUS-MINGW64 ~/OneDrive/Desktop/aws
$ git init
Initialized empty Git repository in C:/Users/sayan/OneDrive/Desktop/aws/.git/
sayan@SUS-MINGW64 ~/OneDrive/Desktop/aws (master)
$ git remote add origin https://github.com/SAYAN-39/sb_24.git
sayan@SUS-MINGW64 ~/OneDrive/Desktop/aws (master)
$ git add .
sayan@SUS-MINGW64 ~/OneDrive/Desktop/aws (master)
$
```

Step-10:

Now commit the changes with a message using command `git commit -m "message"` and Select the branch of the repository to master using the command `git branch -M master` and Now push the code to the github repository using command `git push -u origin master`.

```
Display options
-z, --[no-]null          terminate values with NUL byte
--[no-]name-only         show variable names only
--[no-]show-origins      show origin of config (File, standard input, blob, command line)
--[no-]show-scope        show scope of config (worktree, local, global, system, command)
--[no-]show-names        show config keys in addition to their values

Type
-t, --[no-]type <type>  value is given this type
--bool                  value is "true" or "false"
--int                   value is decimal number
--bool-or-int           value is --bool or --int
--bool-or-str           value is --bool or string
--path                  value is a path (file or directory name)
--expiry-date           value is an expiry date

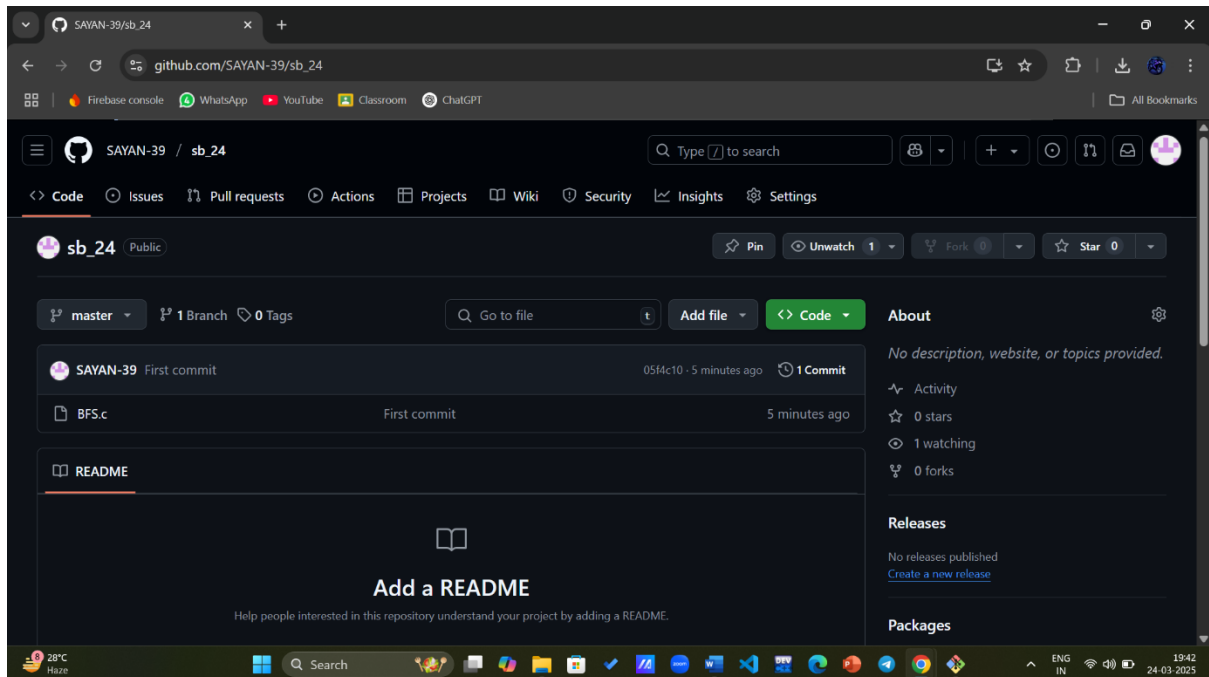
Other
--[no-]default <value>  with --get, use default value when missing entry
--[no-]comment <value> human-readable comment string (# will be prepended as needed)
--[no-]fixed-value       use string equality when comparing values to value pattern
--[no-]includes          respect include directives on lookup

sayan@SUS-MINGW64 ~/OneDrive/Desktop/aws (master)
$ git config --global user.email "sayanbarik06@gmail.com"
sayan@SUS-MINGW64 ~/OneDrive/Desktop/aws (master)
$ git config --global user.name "Sayan Barik"
sayan@SUS-MINGW64 ~/OneDrive/Desktop/aws (master)
$ git commit -m "First commit"
[master (root-commit) 05f4c10] First commit
1 file changed, 90 insertions(+)
create mode 100644 BFS.c
sayan@SUS-MINGW64 ~/OneDrive/Desktop/aws (master)
$ git branch -M master
sayan@SUS-MINGW64 ~/OneDrive/Desktop/aws (master)
$ git push -u origin master
Info: please complete authentication in your browser...
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 840 bytes | 420.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/SAYAN-39/sb_24.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
sayan@SUS-MINGW64 ~/OneDrive/Desktop/aws (master)
$
```

Name:Sayan Barik
Class:CSE(DS)/22/039

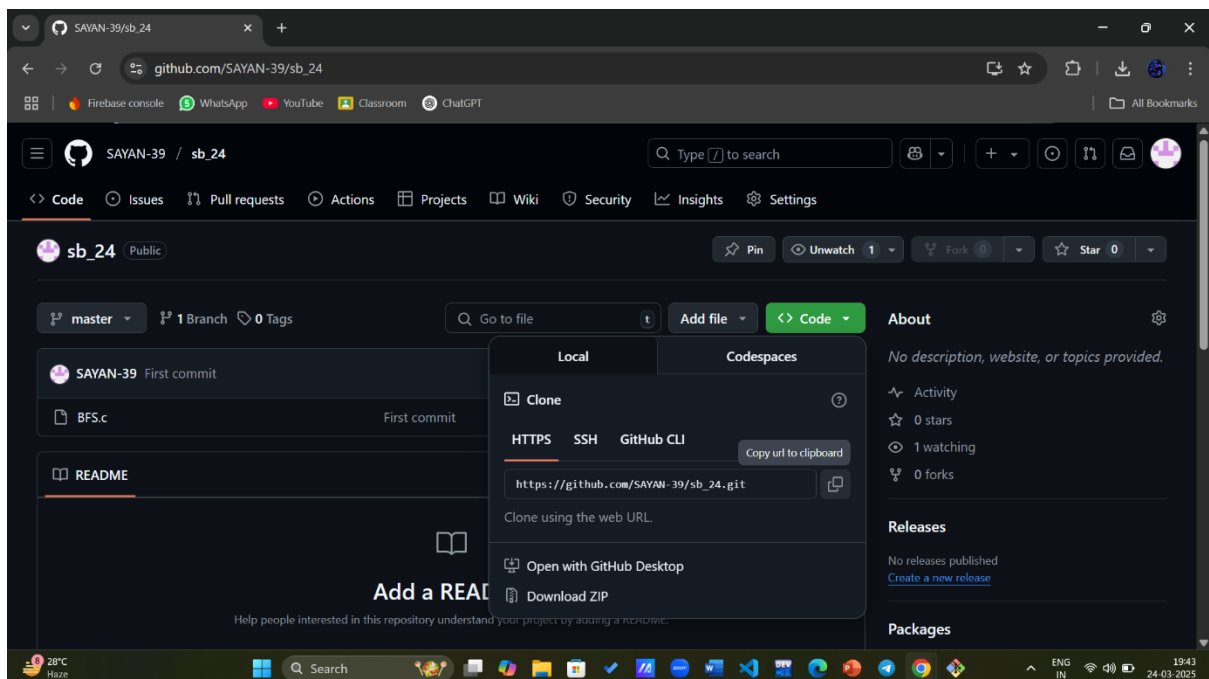
Step-11:

Now refresh the github page to find the code .



Step-12:

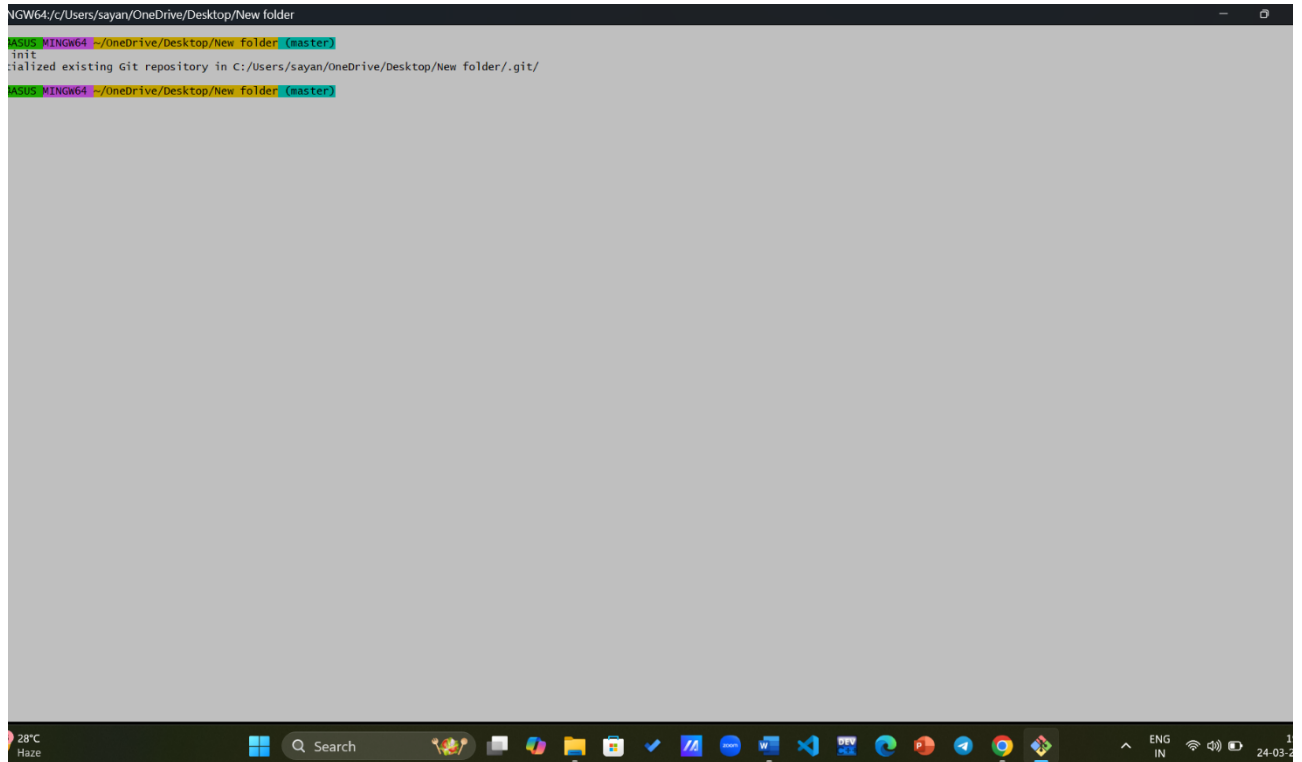
Now to pull the code from github to a local directory open the github page and click on the code button and copy the link of the repository.



Name:Sayan Barik
Class:CSE(DS)/22/039

Step-13:

Open another folder and open git bash there and initialize a empty git repository.



The screenshot shows a Windows terminal window titled "NGW64/c/Users/sayan/OneDrive/Desktop/New folder". The terminal displays the following commands and output:

```
ASUS MINGW64 ~/OneDrive/Desktop/New folder (master)
$ git init
Initialized existing Git repository in C:/Users/sayan/OneDrive/Desktop/New folder/.git/
ASUS MINGW64 ~/OneDrive/Desktop/New folder (master)
```

The terminal window has a dark background with a light gray area for the command prompt. The Windows taskbar is visible at the bottom, showing the search bar, task view button, and various application icons. The system tray on the right shows the date and time as 24-03-2024, 1:00 PM.

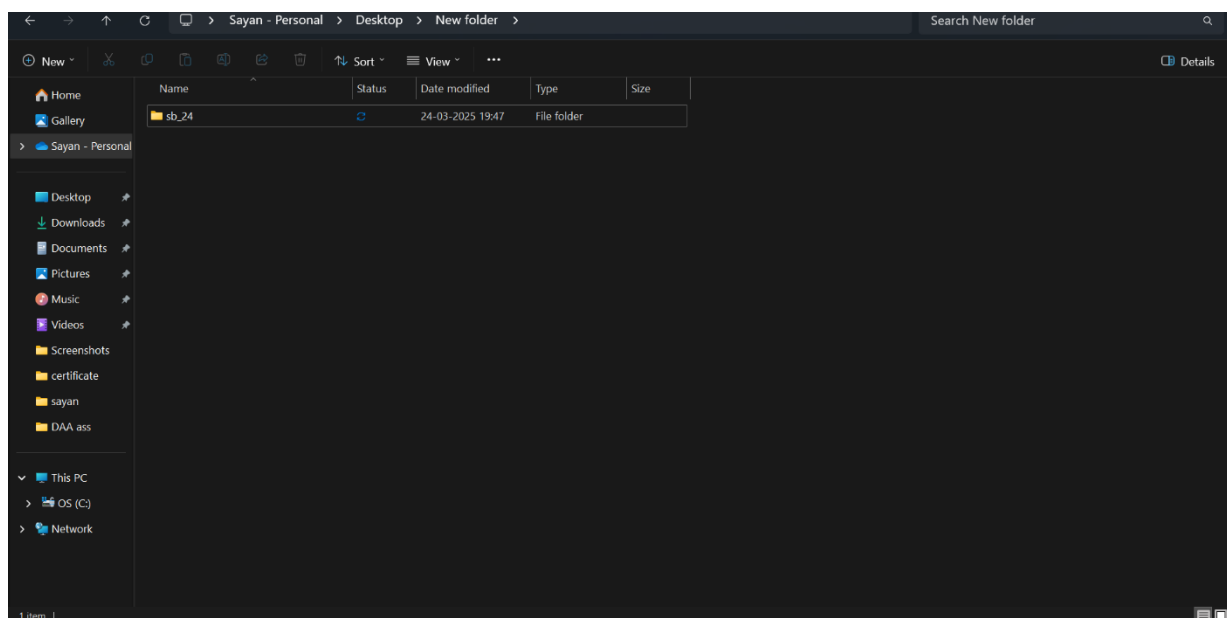
Step-14:

Then run use the command git clone and paste the link copied from github.

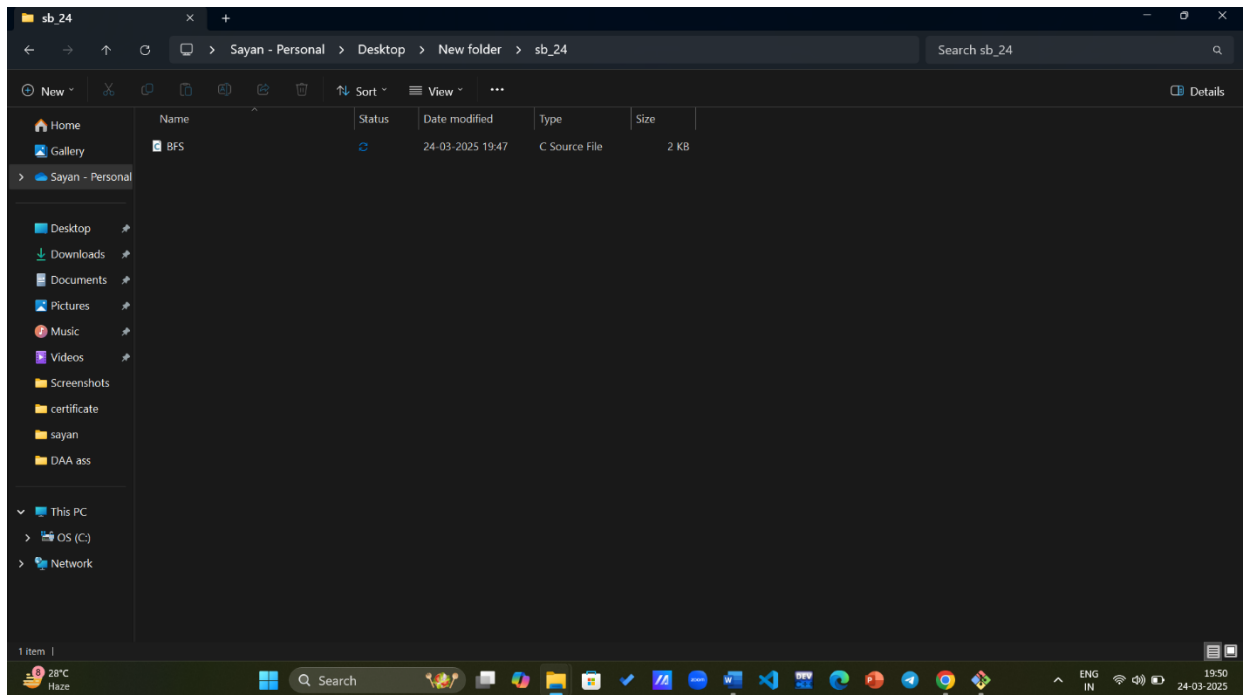
```
Users\sayan\OneDrive\Desktop\New folder
w64 ~/OneDrive/Desktop/New folder (master)
$ git clone https://github.com/SAYAN-39/sb_24.git
Cloning into 'sb_24'...
remote: Enumerating objects: 3, done.
remote: Filtering objects: 3, done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
Checking out files: 100% (3/3), done.
$ cd sb_24
$ git status
On branch master
nothing to commit, working tree clean
```

Step-15:

Now open the folder and the code is cloned from github.



Name:Sayan Barik
Class:CSE(DS)/22/039



Name:Sayan Barik
Class:CSE(DS)/22/039