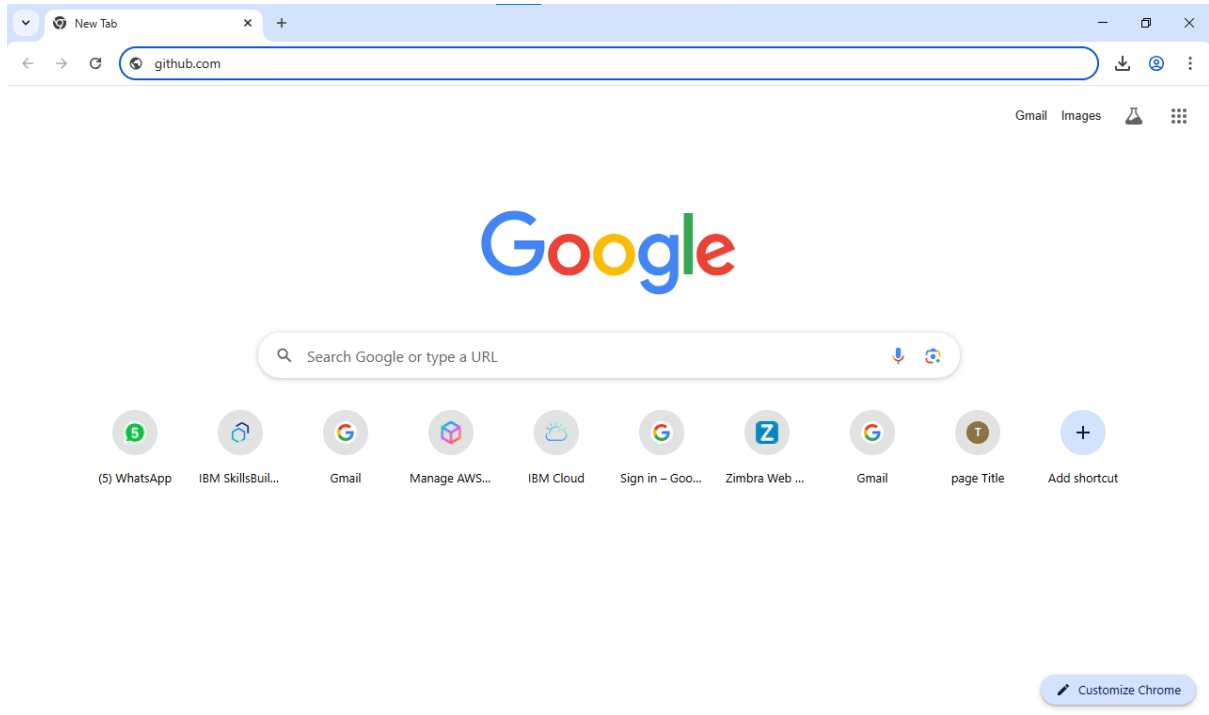


Assignment No:08

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

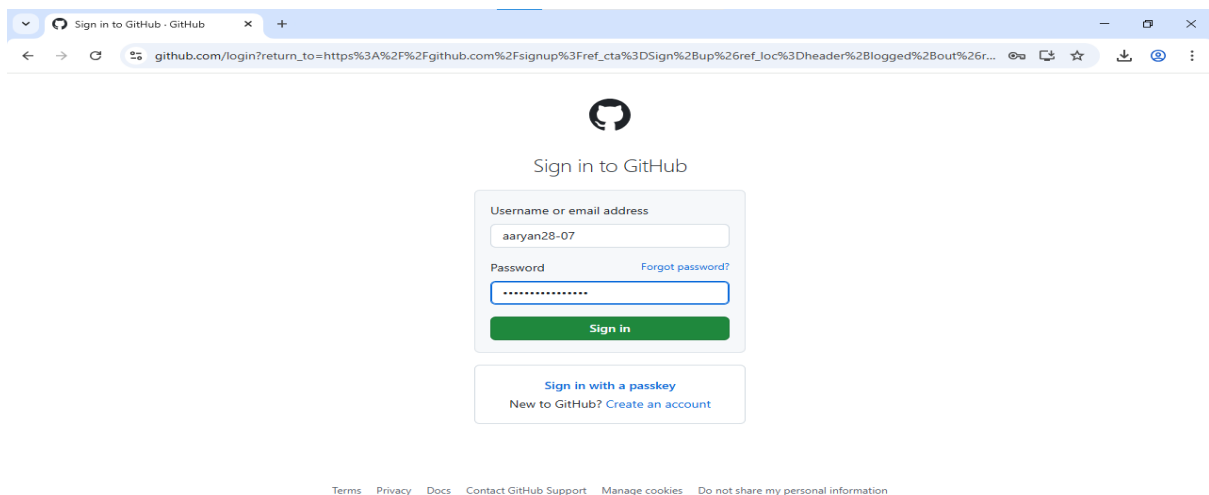
Step-1:

Open github in browser and click on login.



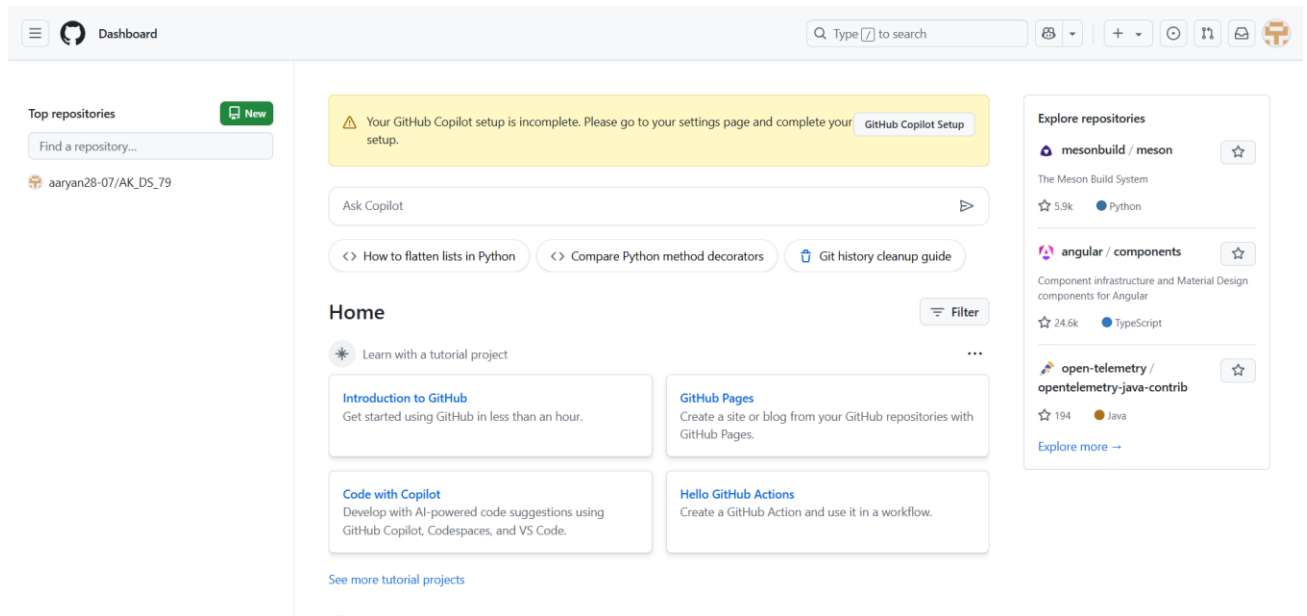
Step-2:

Log into github using your username or email and password.



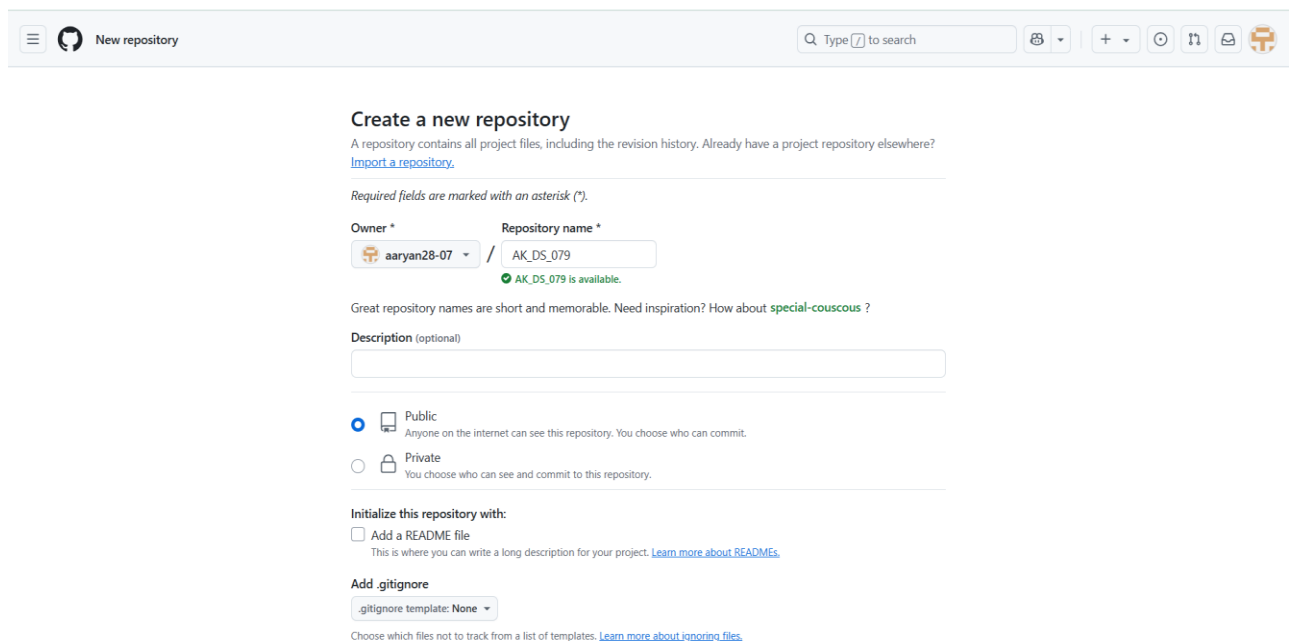
Step-3:

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



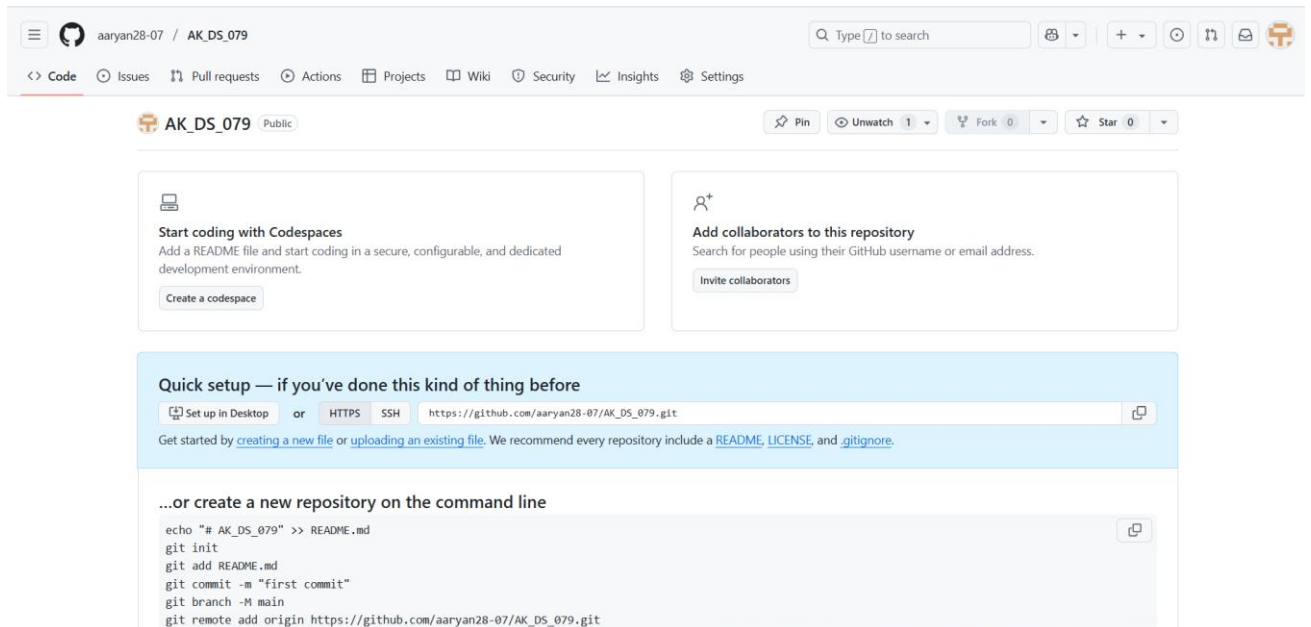
Step-4:

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



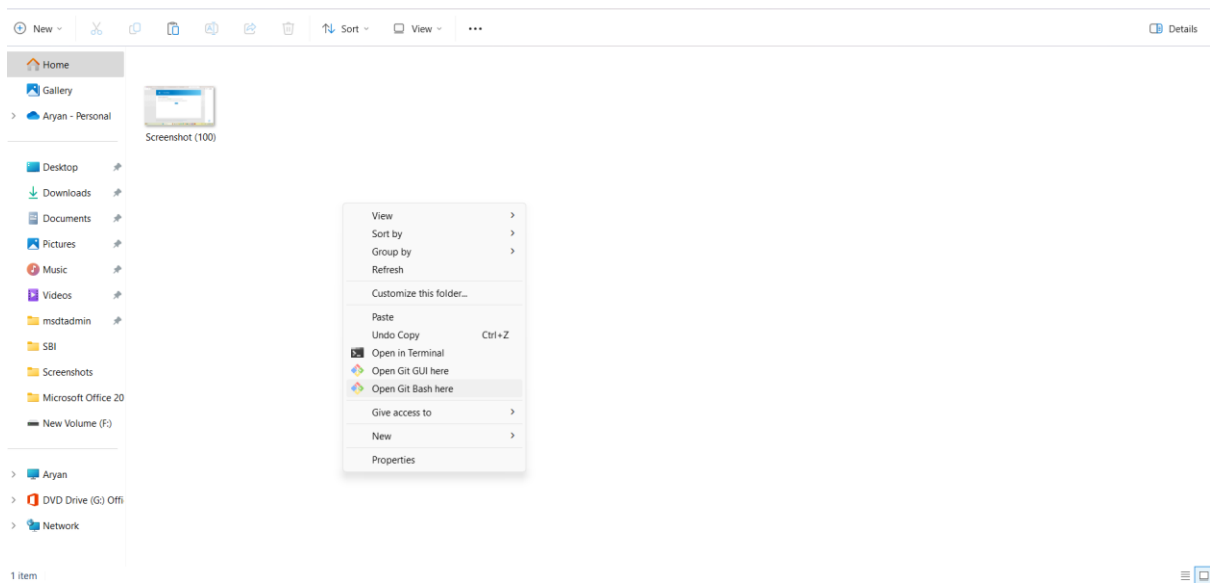
Step-5:

Now copy the link of the repository from quick setup.



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.

```
MINGW64:/d/OneDrive/Desktop/AK_DS_079

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079
$ git init
Initialized empty Git repository in D:/OneDrive/Desktop/AK_DS_079/.git/

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$
```

Step-8:

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

```
MINGW64:/d/OneDrive/Desktop/AK_DS_079

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079
$ git init
Initialized empty Git repository in D:/OneDrive/Desktop/AK_DS_079/.git/

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git remote add origin https://github.com/aaryan28-07/AK_DS_079.git

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$
```

Step-9:

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

```
MINGW64:/d/OneDrive/Desktop/AK_DS_079

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079
$ git init
Initialized empty Git repository in D:/OneDrive/Desktop/AK_DS_079/.git/

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git remote add origin https://github.com/aaryan28-07/AK_DS_079.git

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git add .

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$
```

Step-10:

Now commit the changes with a message using command `git commit -m "message"`.

```
MINGW64:/d/OneDrive/Desktop/AK_DS_079

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079
$ git init
Initialized empty Git repository in D:/OneDrive/Desktop/AK_DS_079/.git/

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git remote add origin https://github.com/aaryan28-07/AK_DS_079.git

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git add .

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git commit -m "First commit"
[master (root-commit) 986fa7f] First commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Screenshot (100).png

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ |
```

Step-11:

Select the branch of the repository to master using the command `git branch -M master`.

```
MINGW64:/d/OneDrive/Desktop/AK_DS_079

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079
$ git init
Initialized empty Git repository in D:/OneDrive/Desktop/AK_DS_079/.git/

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git remote add origin https://github.com/aaryan28-07/AK_DS_079.git

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git add .

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git commit -m "First commit"
[master (root-commit) 986fa7f] First commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Screenshot (100).png

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git branch -M master

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ |
```

Step-12:

Now push the code to the github repository using command `git push -u origin master`.

```
MINGW64:/d/OneDrive/Desktop/AK_DS_079

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079
$ git init
Initialized empty Git repository in D:/OneDrive/Desktop/AK_DS_079/.git/

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git remote add origin https://github.com/aaryan28-07/AK_DS_079.git

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git add .

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git commit -m "First commit"
[master (root-commit) 986fa7f] First commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Screenshot (100).png

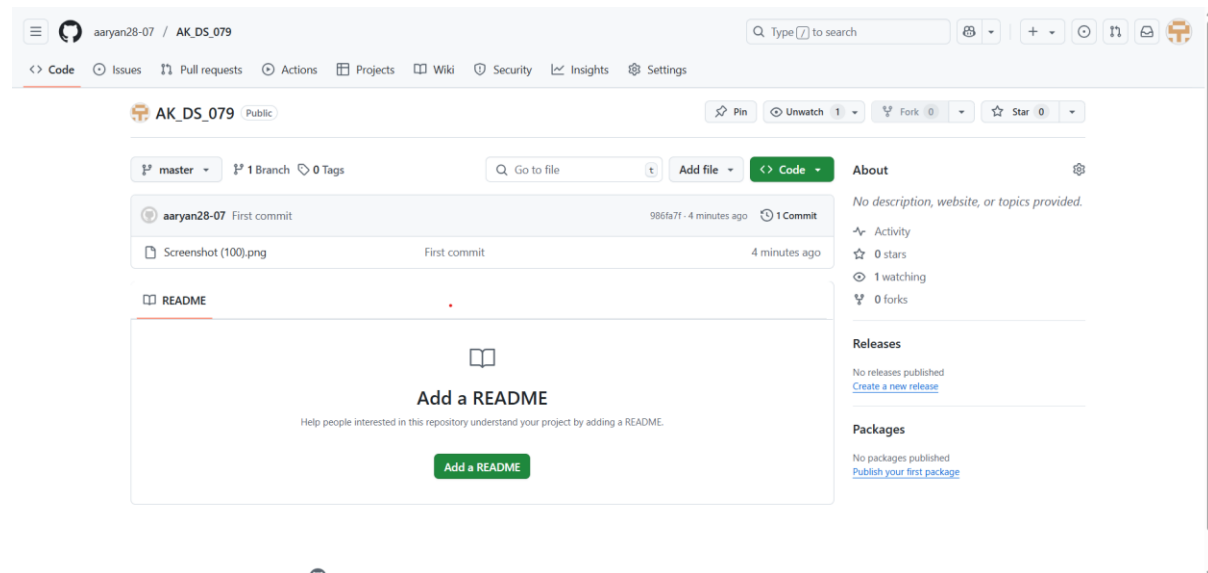
aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git branch -M master

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git push -u origin master
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), 307.16 KiB | 19.20 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/aaryan28-07/AK_DS_079.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$
```

Step-13:

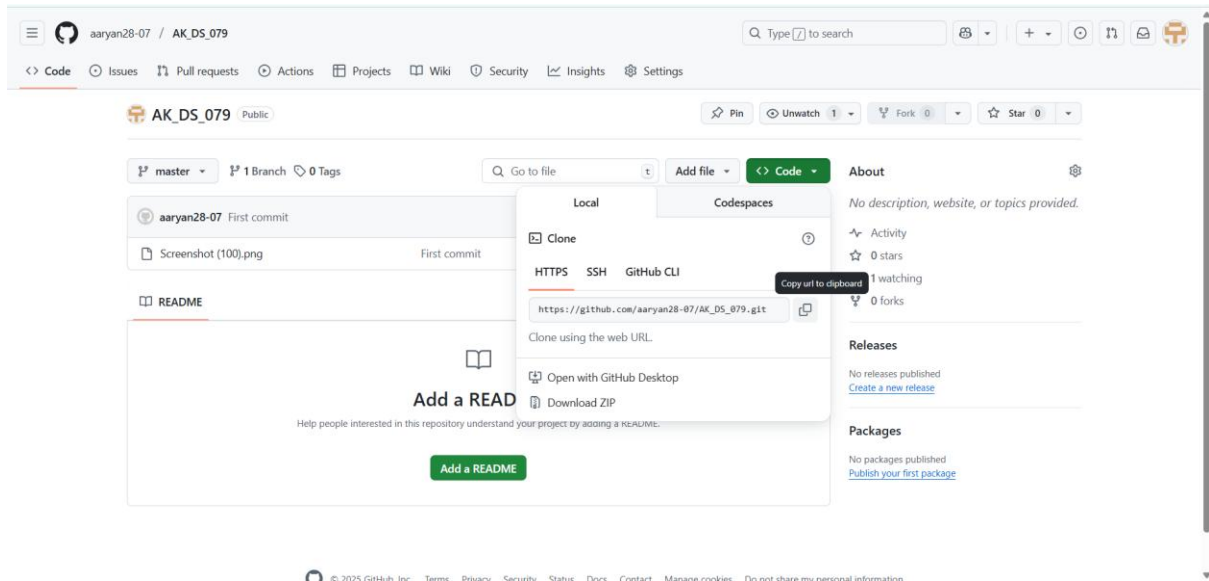
Now refresh the github page to find the code .



The screenshot shows the GitHub interface for a repository named 'AK_DS_079' by user 'aaryan28-07'. The repository is public and has 1 branch (master) and 0 tags. The commit history shows a single commit 'First commit' by 'aaryan28-07' 4 minutes ago, with the message 'First commit'. The commit details show a file 'Screenshot (100).png' added. The repository has 0 stars, 1 watcher, and 0 forks. The 'About' section is empty. The 'Releases' section shows 'No releases published' with a link to 'Create a new release'. The 'Packages' section shows 'No packages published' with a link to 'Publish your first package'. The 'README' section is empty, with a prompt to 'Add a README'.

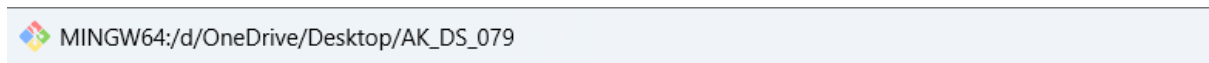
Step-14:

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.



Step-15:

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



```
aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git init
Reinitialized existing Git repository in D:/OneDrive/Desktop/AK_DS_079/.git/

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ |
```

Step-16:

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

```
MINGW64:/d/OneDrive/Desktop/AK_DS_079

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git init
Reinitialized existing Git repository in D:/OneDrive/Desktop/AK_DS_079/.git/

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$ git clone https://github.com/aaryan28-07/AK_DS_079.git
Cloning into 'AK_DS_079'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), 307.16 KiB | 379.00 KiB/s, done.

aarya@Aryan MINGW64 /d/OneDrive/Desktop/AK_DS_079 (master)
$
```

Step-17:

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

