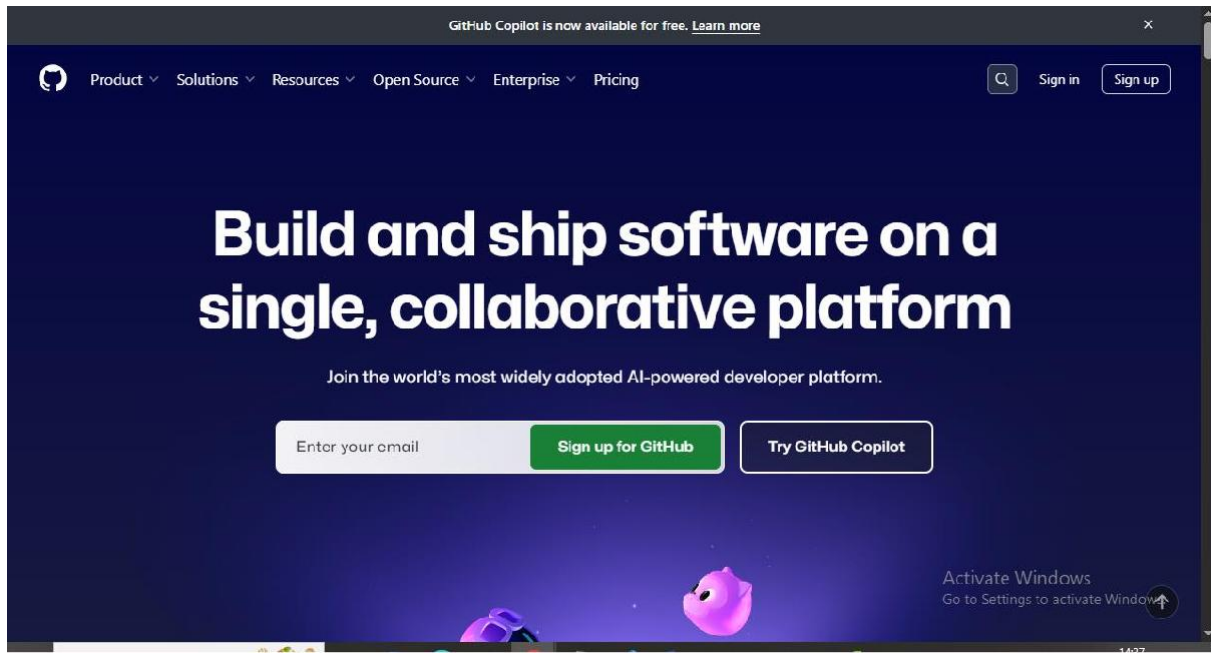


Assignment No:08

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

Step-1:

Open github in browser and click on login.



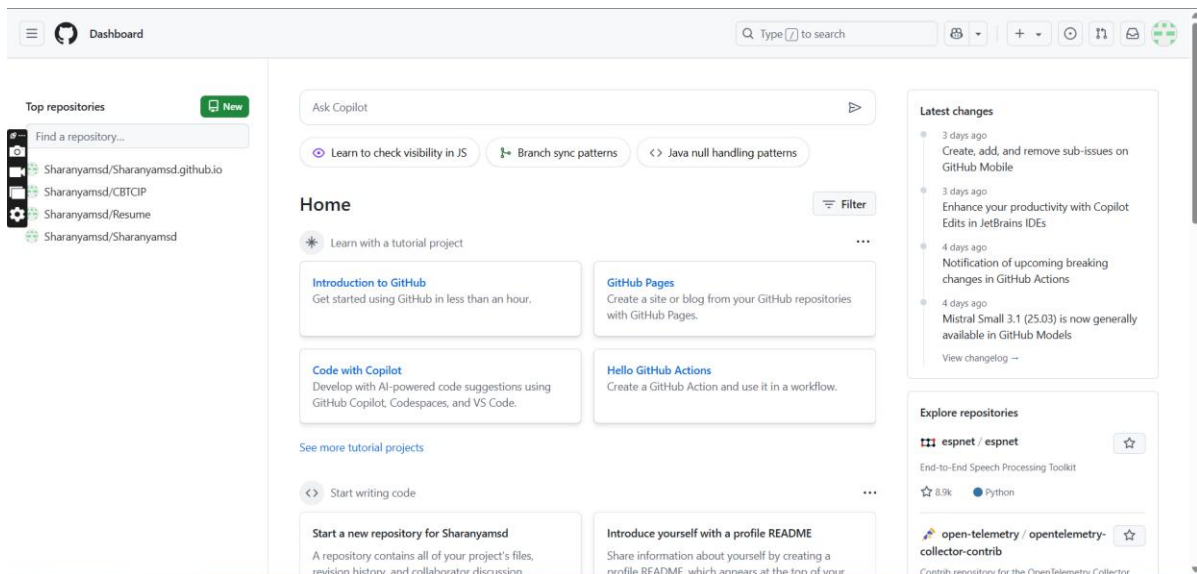
Step-2:

Log into github using your username or email and password.

A screenshot of the GitHub login form. It features the GitHub logo at the top, followed by the text 'Sign in to GitHub'. The form has two input fields: 'Username or email address' (containing 'Sharanyamsd') and 'Password' (masked with dots). A 'Forgot password?' link is next to the password field. A green 'Sign in' button is below the inputs. At the bottom, there's a link for 'Sign in with a passkey' and a link for 'New to GitHub? Create an account'.

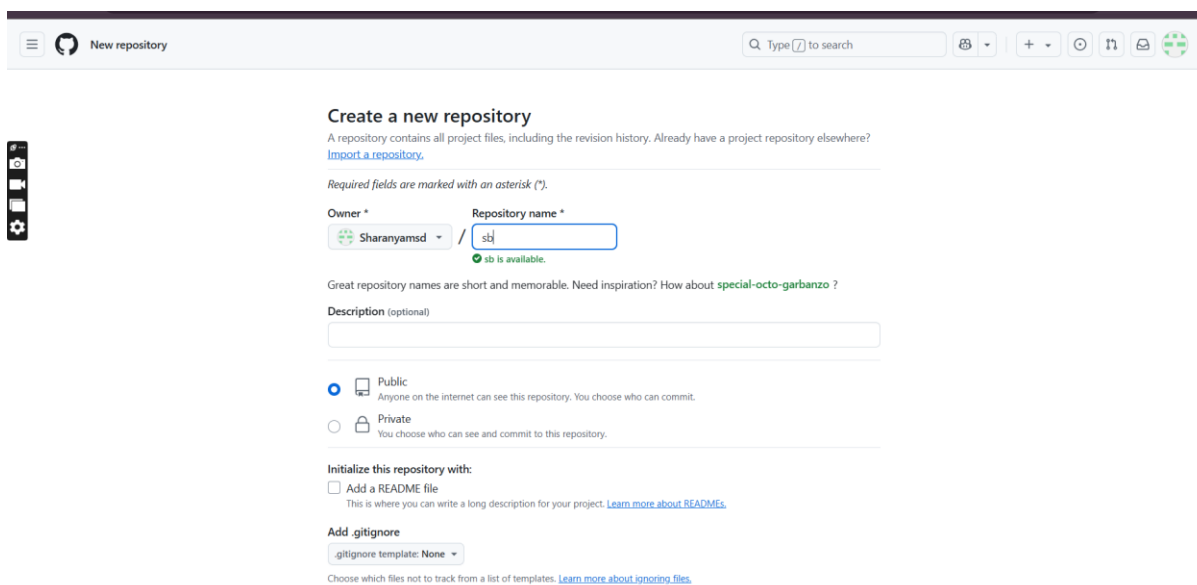
Step-3:

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



Step-4:

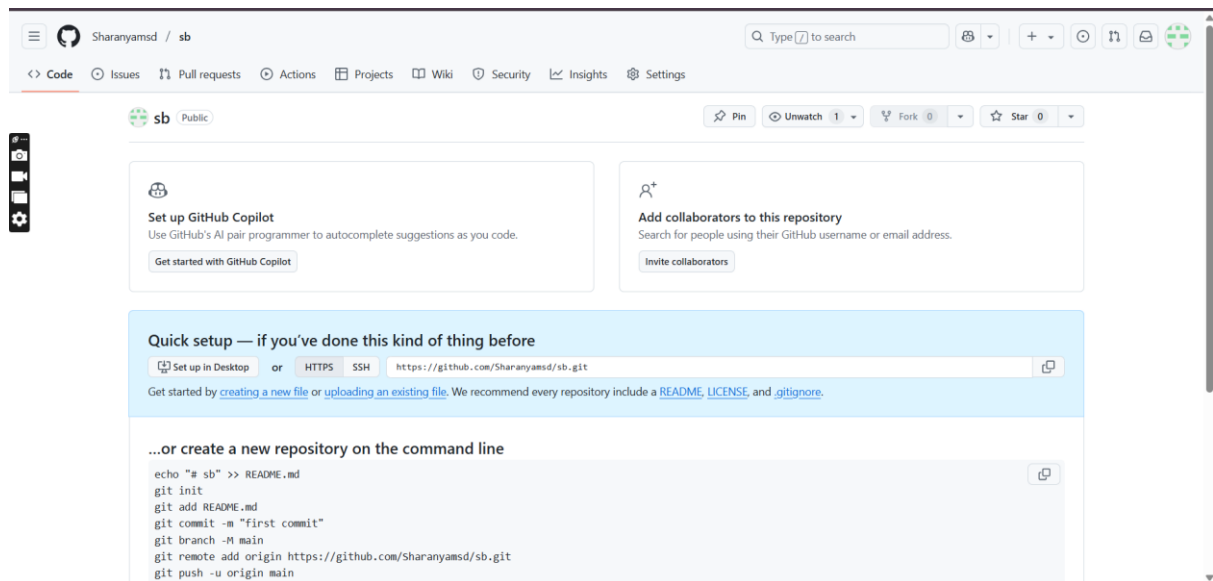
Give a name to the repository and click on create repository.



Step-5:

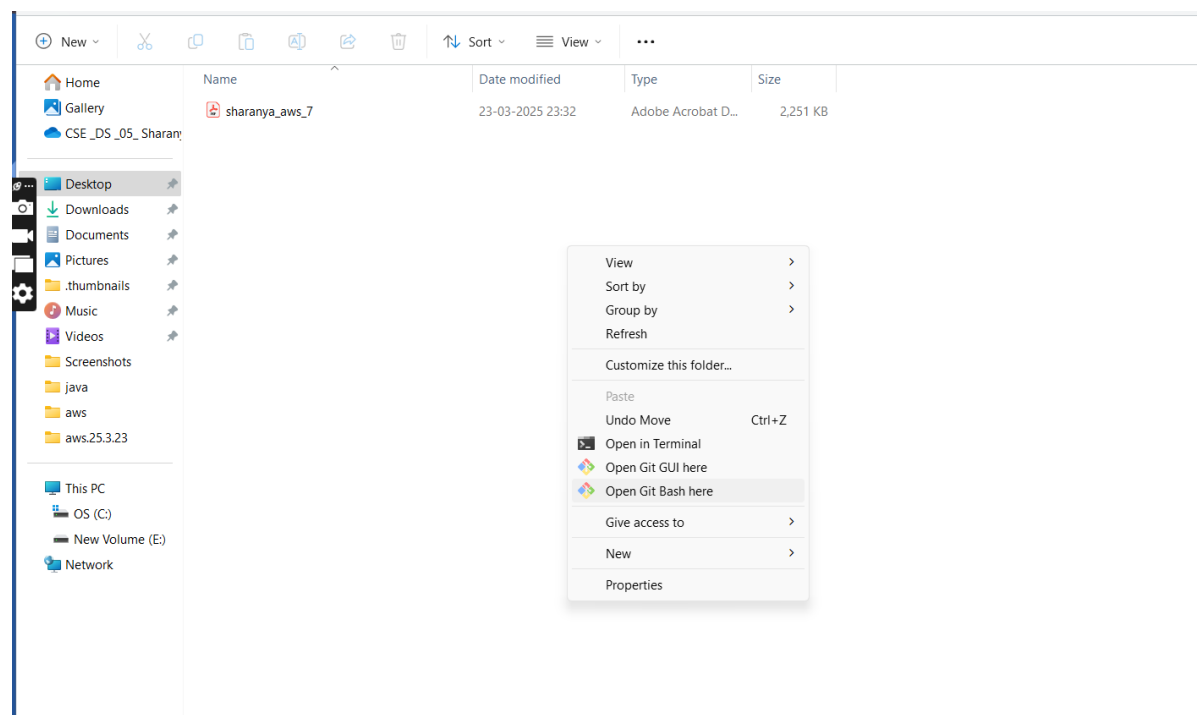
Now copy the link of the repository from quick setup.

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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:/c/Users/USER/Desktop/sharanya_aws

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws
$ git init
Initialized empty Git repository in C:/Users/USER/Desktop/sharanya_aws/.git/

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$
```

Step-8:

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

```
MINGW64:/c/Users/USER/Desktop/sharanya_aws

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws
$ git init
Initialized empty Git repository in C:/Users/USER/Desktop/sharanya_aws/.git/

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ git remote add origin https://github.com/Sharanyamsd/sb.git

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ |
```

Step-9:

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

```
MINGW64:/c/Users/USER/Desktop/sharanya_aws

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws
$ git init
Initialized empty Git repository in C:/Users/USER/Desktop/sharanya_aws/.git/

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ git remote add origin https://github.com/Sharanyamsd/sb.git

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ git add .

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ |
```

Step-10:

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

```
MINGW64:/c/Users/USER/Desktop/sharanya_aws

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws
$ git init
Initialized empty Git repository in C:/Users/USER/Desktop/sharanya_aws/.git/

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ git remote add origin https://github.com/Sharanyamsd/sb.git

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ git add .

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ git commit -m "First commit"
[master (root-commit) 12802af] First commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 sharanya_aws_7.pdf

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
```

Step-11:

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

```
MINGW64:/c/Users/USER/Desktop/sharanya_aws

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws
$ git init
Initialized empty Git repository in C:/Users/USER/Desktop/sharanya_aws/.git/

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ git remote add origin https://github.com/Sharanyamsd/sb.git

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ git add .

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ git commit -m "First commit"
[master (root-commit) 12802af] First commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 sharanya_aws_7.pdf

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ git branch -M master

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
```

Step-12:

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

```
MINGW64:/c:/Users/USER/Desktop/sharanya_aws

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws
$ git init
Initialized empty Git repository in C:/Users/USER/Desktop/sharanya_aws/.git/

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ git remote add origin https://github.com/Sharanyamsd/sb.git

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ git add .

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ git commit -m "First commit"
[master (root-commit) 12802af] First commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 sharanya_aws_7.pdf

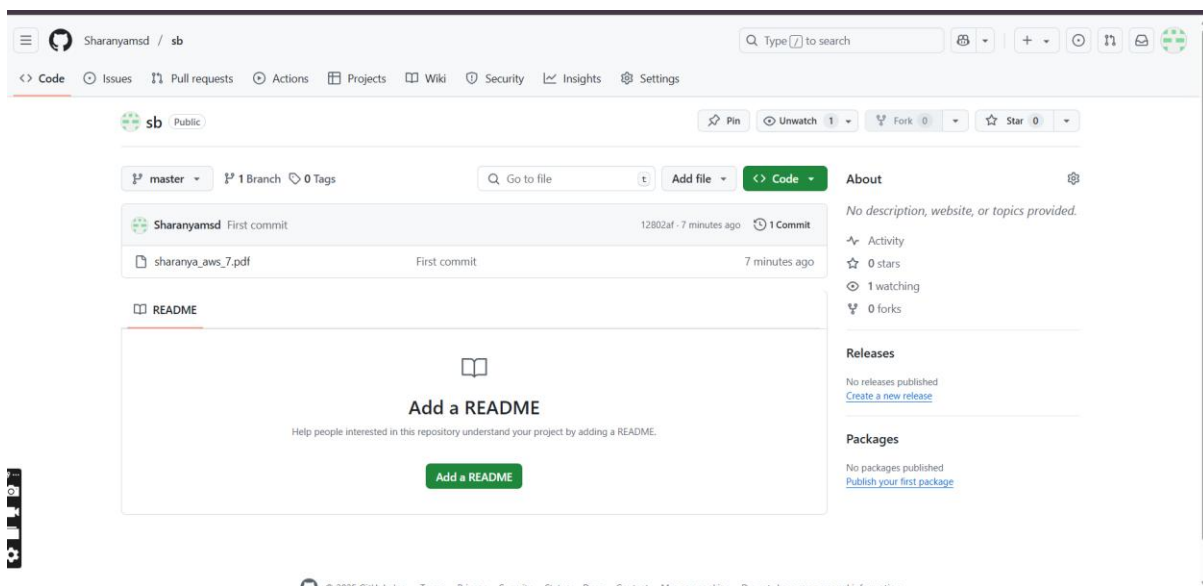
USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ git branch -M master

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_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 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 2.04 MiB | 886.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Sharanyamsd/sb.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya_aws (master)
$ |
```

Step-13:

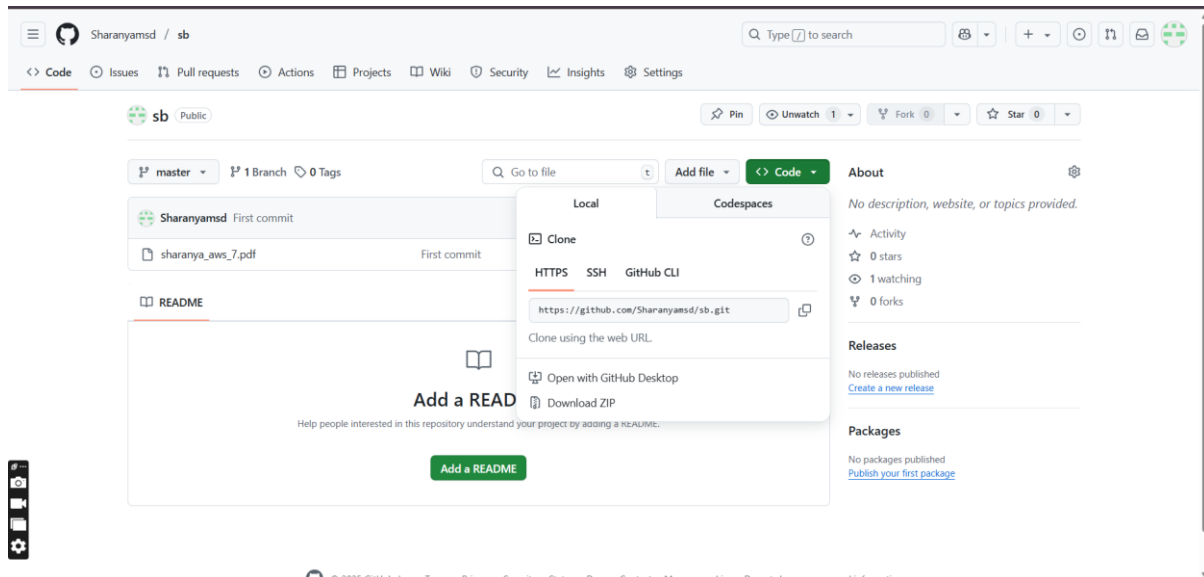
Now refresh the github page to find the code .



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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.

```
MINGW64:/c/Users/USER/Desktop/sharanya
USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya
$ git init
Initialized empty Git repository in C:/Users/USER/Desktop/sharanya/.git/
USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya (master)
$
```

Step-16:

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

```
MINGW64:/c/Users/USER/Desktop/sharanya
USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya
$ git init
Initialized empty Git repository in C:/Users/USER/Desktop/sharanya/.git/
USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya (master)
$ git clone https://github.com/Sharanyamsd/sb.git
Cloning into 'sb'...
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), 2.04 MiB | 642.00 KiB/s, done.
USER@DESKTOP-2NV60D5 MINGW64 ~/Desktop/sharanya (master)
$ |
```

Step-17:

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

