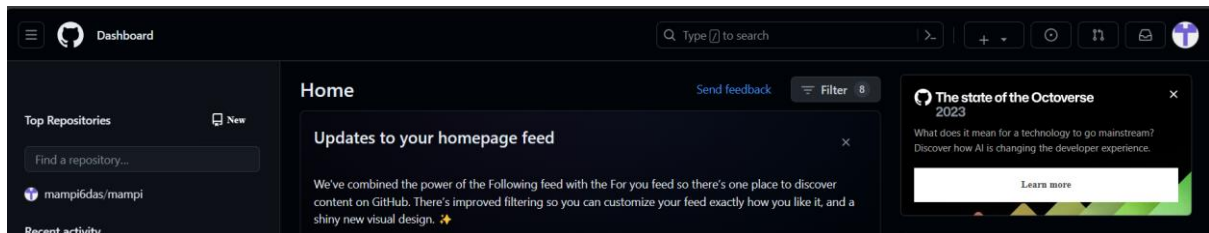


## Assignment No: 08

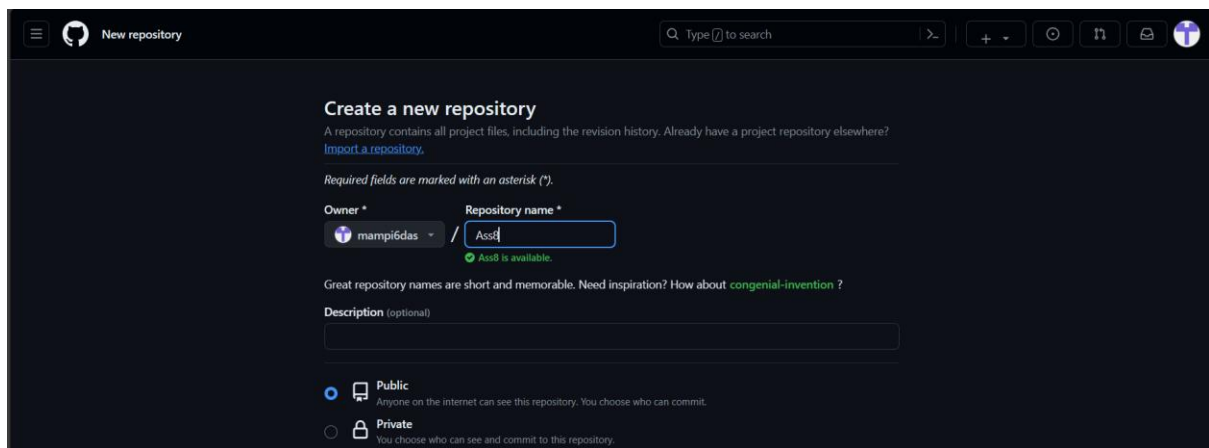
**Problem Statement:** Deploy a project from a local machine to GitHub and vice versa.

### Steps:

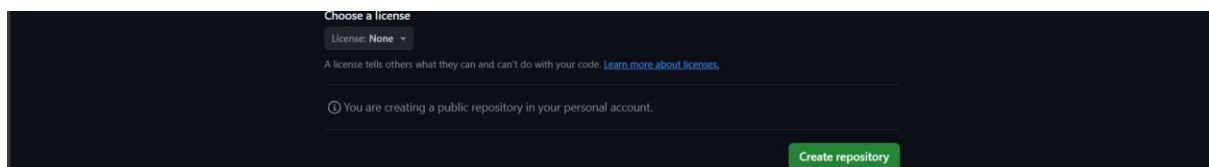
1. At first create a new repository by clicking **New**.



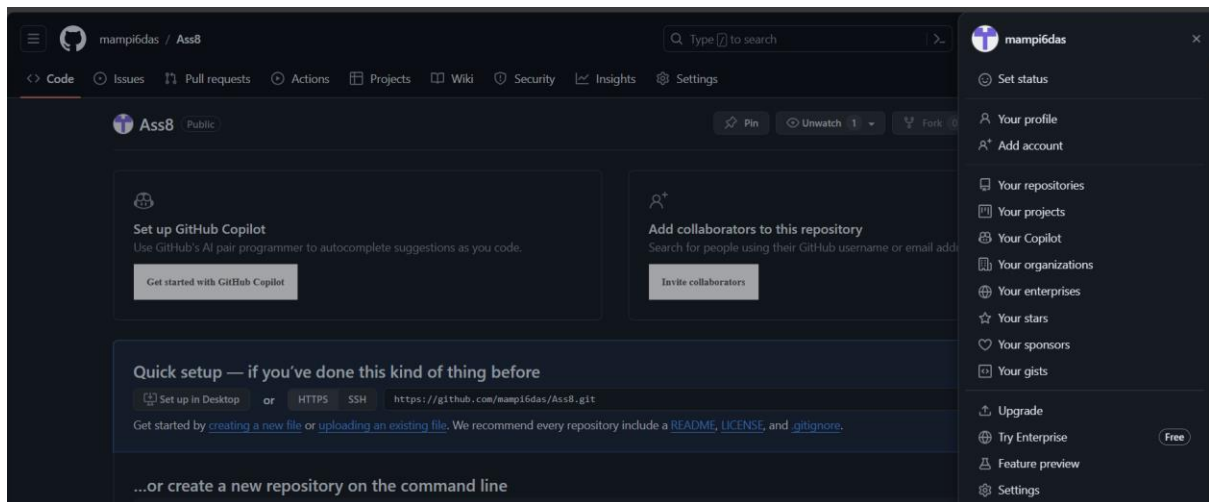
2. Now give **repository name** and make it **public**.



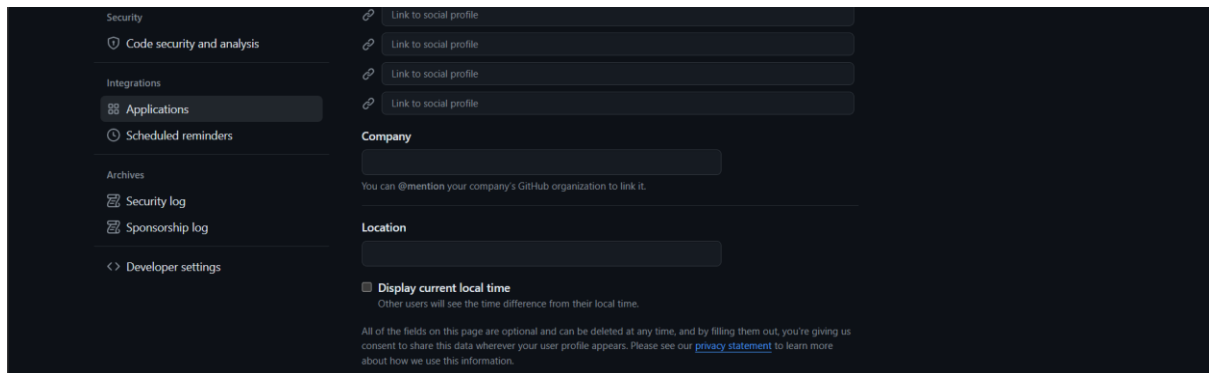
3. Click on **Create repository**.



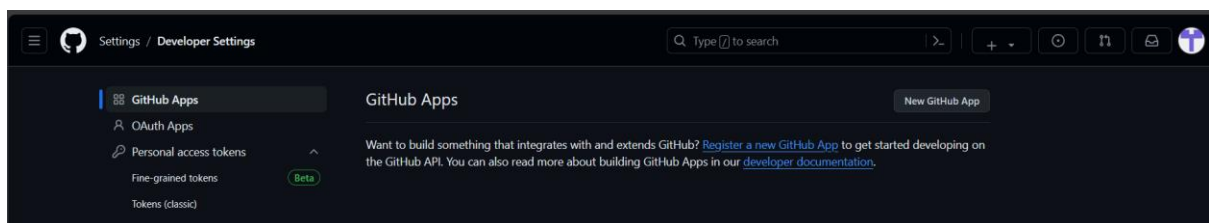
4. Now click on **account** section and then go to **settings**.



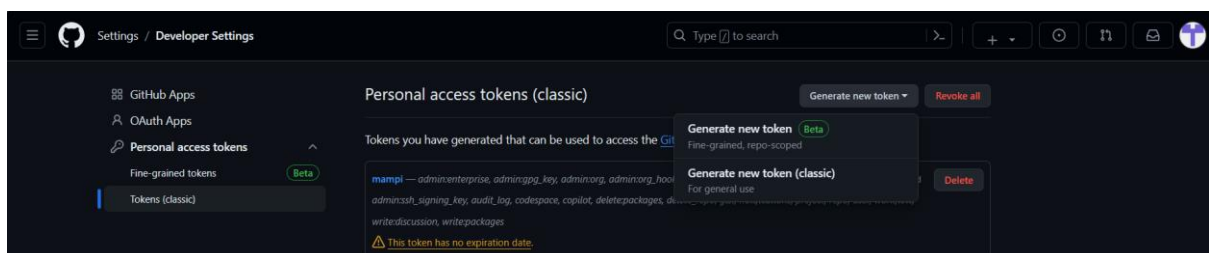
5. Now click on **Developer settings**.



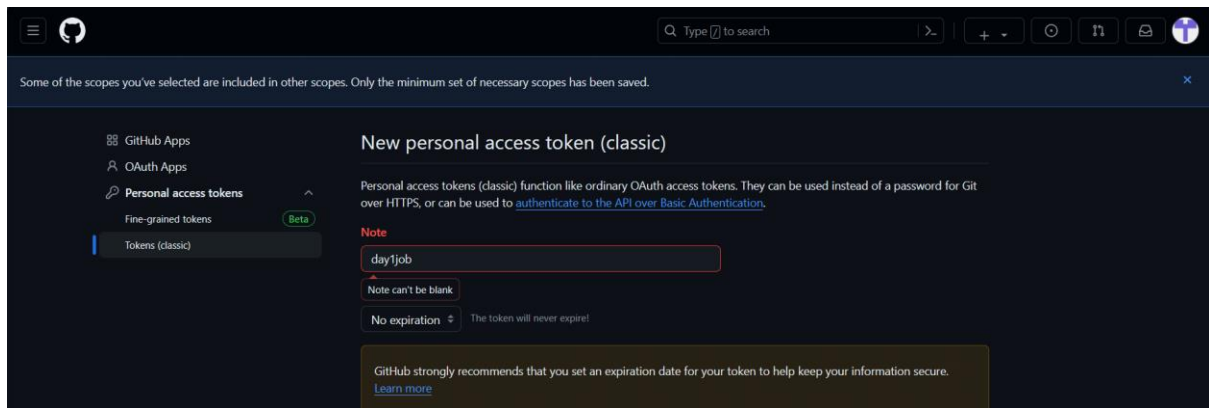
6. Now click on **Personal access tokens** dropdown and then click on **Tokens(classic)**.



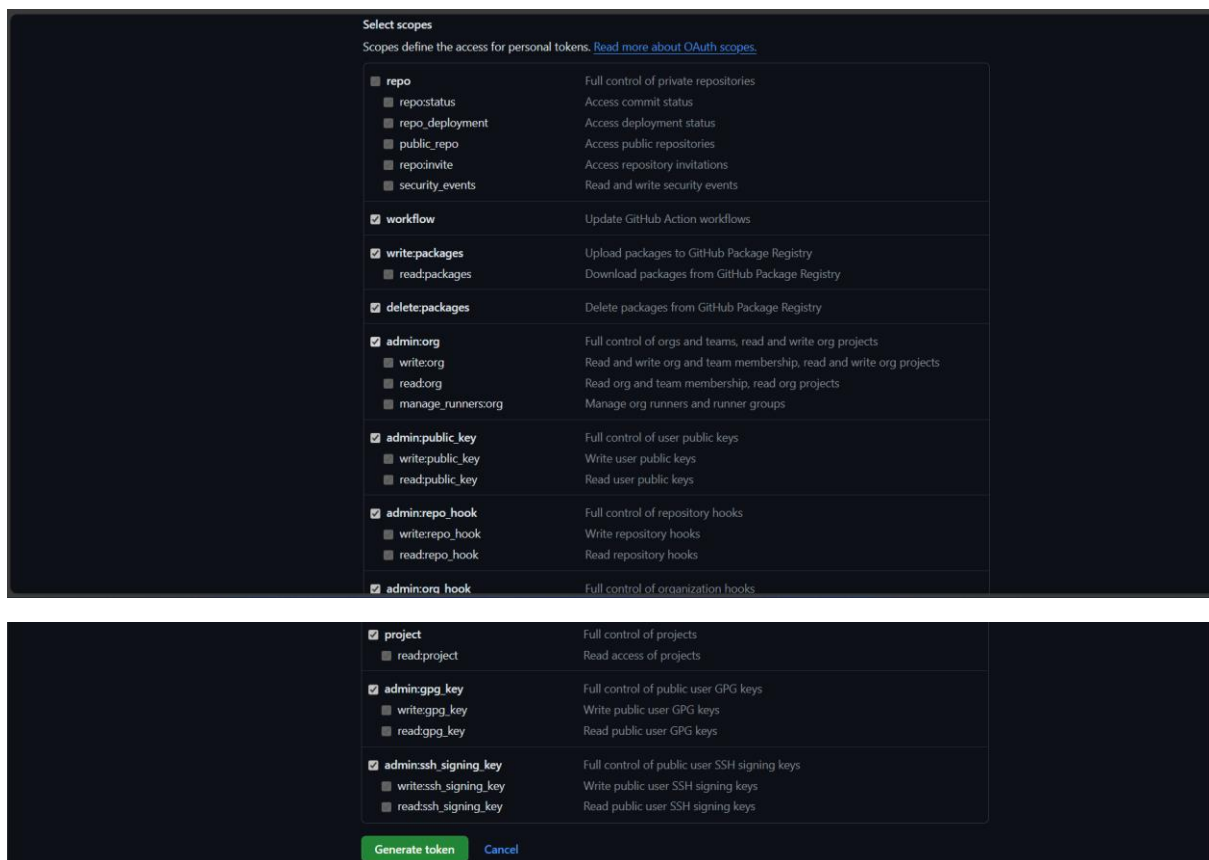
7. Now click on **Generate new token** and then **Generate new token(classic)**.



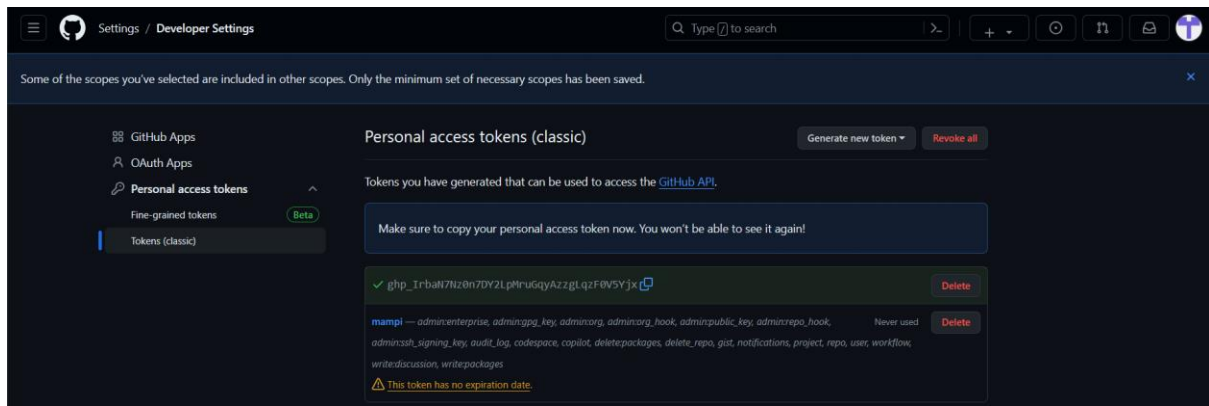
8. Now in expiration select **No expiration**.



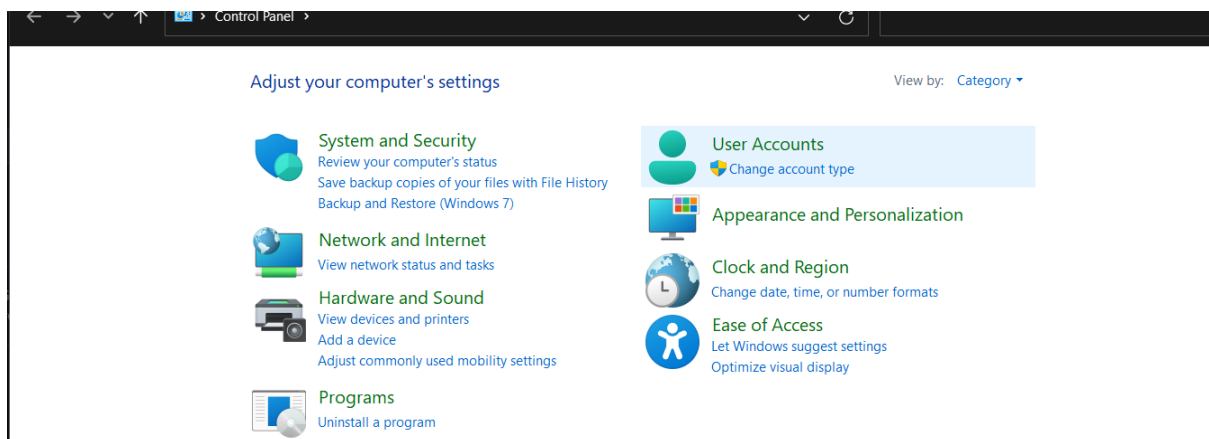
9. After that in Select scopes select all outer regions and click **Generate token**.



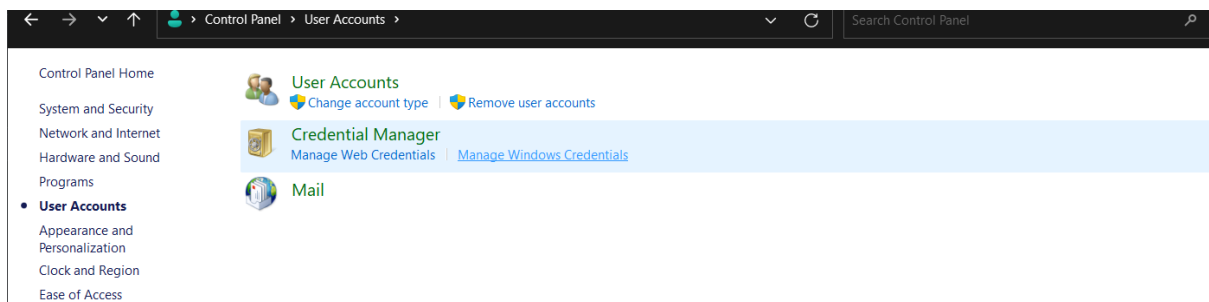
10. After generating token click on copy option for copying path and save it in text document. Then go back to repository.



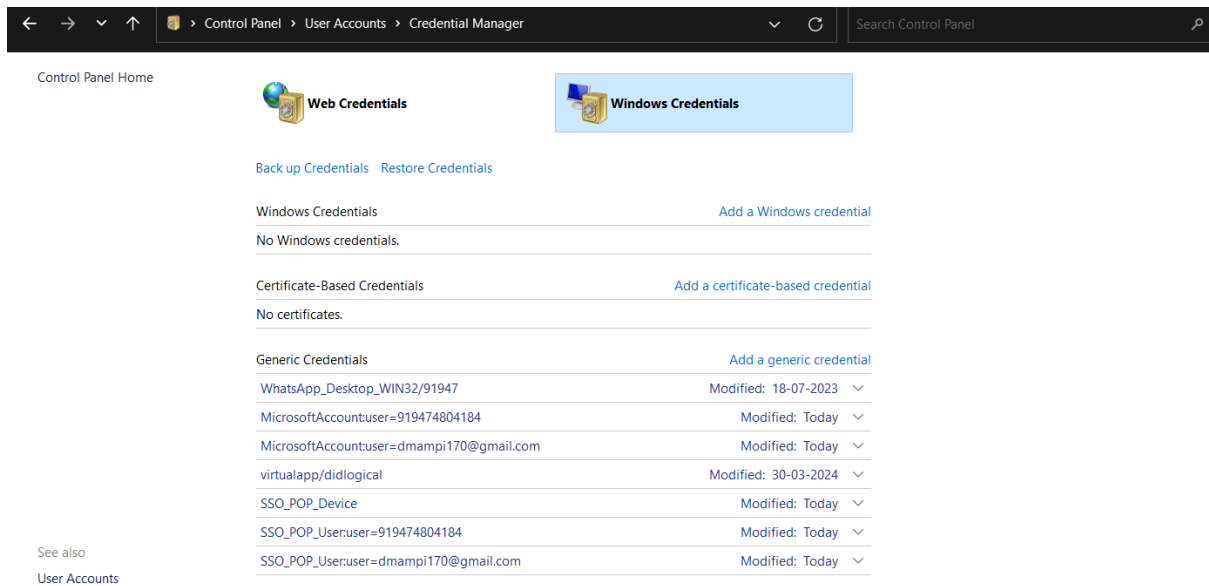
11. Now go to **Control Panel** and click on **User Accounts**.



12. Then go to **Manage Windows Credentials**.



13. Now in **Generic Credential** remove anyone's github account is present there.



**14.** Now right click on cse folder and open with gitbash here. Now write all following commands:

- `git init` –to start github
- `dir` -to see what files being uploading
- `git add .` -to upload all files to github
- `git status` -to check committed or not
- `git commit -m "Done"` -Done printed and all added files shown
- `git remote add origin` <https://github.com/mampi6das/Ass8.git> -given address of repository of project.
- `git push -u origin master` -reading from remote repository

```

MINGW64:/c:/Users/91947/Desktop/cse

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git init
Reinitialized existing Git repository in C:/Users/91947/Desktop/cse/.git/

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ dir
About.html  Home.html  Index.html

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git add .

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   About.html
        new file:   Home.html
        new file:   Index.html

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git commit -m "Done"
Author identity unknown

*** Please tell me who you are.

Run

    git config --global user.email "you@example.com"
    git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got '91947@MAMPI.(none)')

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git config --global user.email "Dmampi170@gmail.com"

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git config --global user.name ""

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git config --global user.name "mampi6das"

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl

```

15. After last command a new connect to github window opened. Go to token portion and paste there the copied path during token generation and pasted in text document.

```
MINGW64/c/Users/91947/Desktop/cse
to set your account's default identity.
Omit --global to set the identity only in this repository.
fatal: unable to auto-detect email address (got '91947@MAMPI.(none)')

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git config --global user.email "Dmampi170@gmail.com"

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git config --global user.name ""

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git config --global user.name "mampi6das"

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.email=Dmampi170@gmail.com
user.name=mampi6das
core.repositoryformatversion=0
core.filemode=false
core.bare=false
core.logallrefupdates=true
core.symlinks=false
core.ignorecase=true
remote.origin.url=https://github.com/mampi6das/Ass8.git
remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
gui.wmstate=normal
gui.geometry=1109x563+96+96 216 255

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git commit -m "Done"
[master (root-commit) d2b2549] Done
 3 files changed, 43 insertions(+)
 create mode 100644 About.html
 create mode 100644 Home.html
 create mode 100644 Index.html

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git remote add origin https://github.com/mampi6das/Ass8.git
error: remote origin already exists.

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git push -u origin master
```

Connect to GitHub

GitHub

Sign in

Browser/Device

Token

Sign in

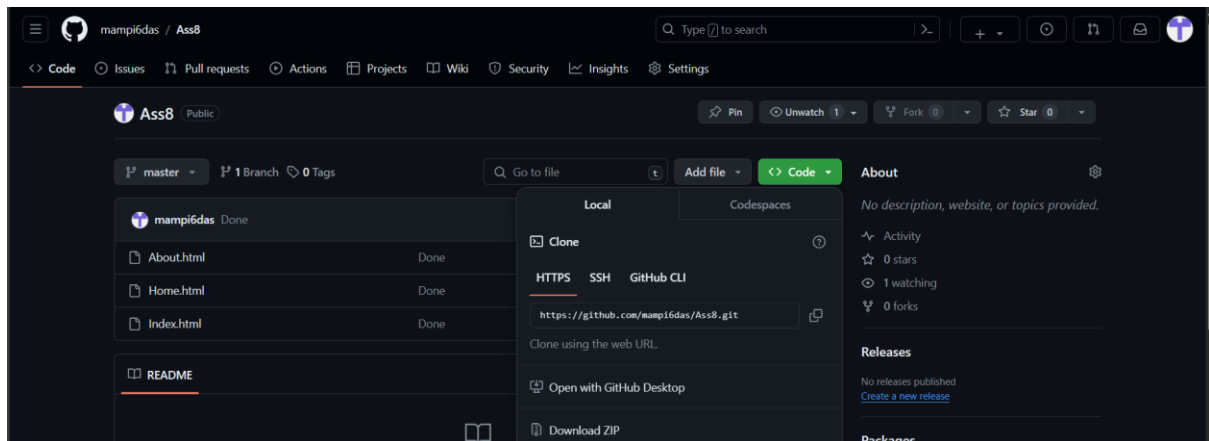
Don't have an account? [Sign up](#)

16. Now click on sign in.

```
91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ git push -u origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 556 bytes | 556.00 KiB/s, done.
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/mampi6das/Ass8.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

91947@MAMPI MINGW64 ~/Desktop/cse (master)
$ |
```

17. Now go back to github and enter into Ass8 repository, there you can see all files have been uploaded. Now click on code and copy clone HTTPs.



18. Now make a new folder(named local) and open that with gitbash. Now write all following commands:

- git init -for starting git
- git clone -For cloning

```

MINGW64;c:/Users/91947/Desktop/local

91947@MAMPI MINGW64 ~/Desktop/local
$ git init
Initialized empty Git repository in C:/Users/91947/Desktop/local/.git/

91947@MAMPI MINGW64 ~/Desktop/local (master)
$ git clone https://github.com/mampi6das/Ass8.git
Cloning into 'Ass8'...
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 5 (delta 2), reused 5 (delta 2), pack-reused 0
Receiving objects: 100% (5/5), done.
Resolving deltas: 100% (2/2), done.

91947@MAMPI MINGW64 ~/Desktop/local (master)
$ |

```

19. Now you can see that repository copied into new made folder local. There we can find all files.

