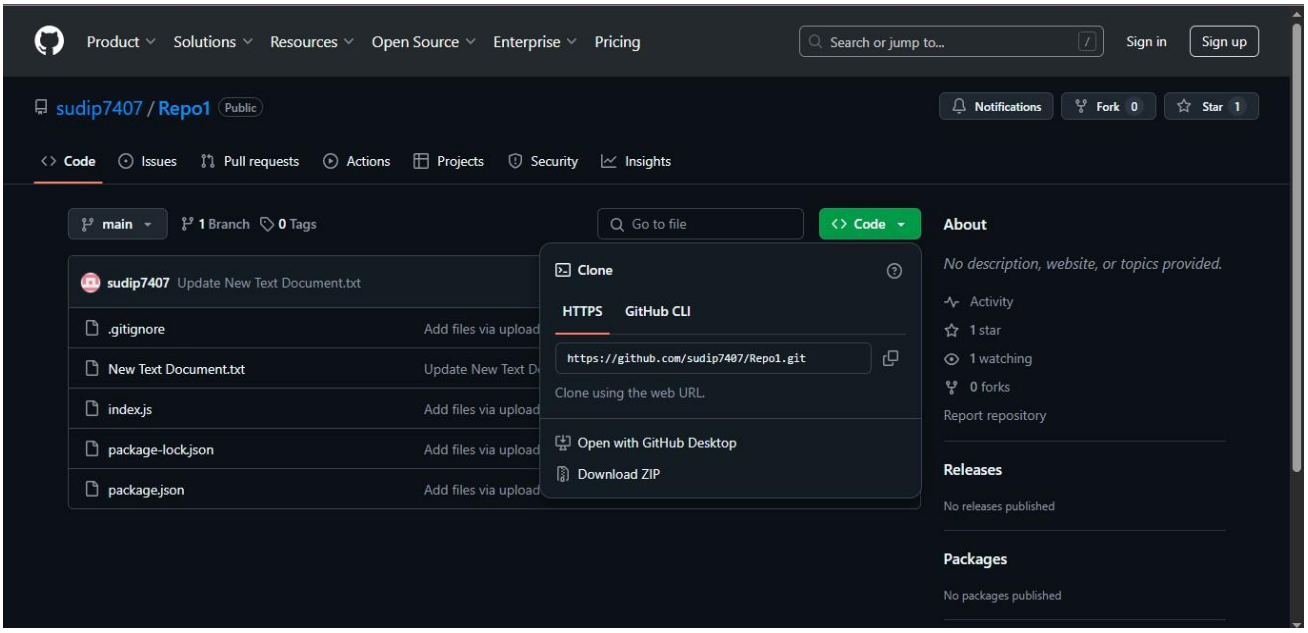
Assignment No: 08

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

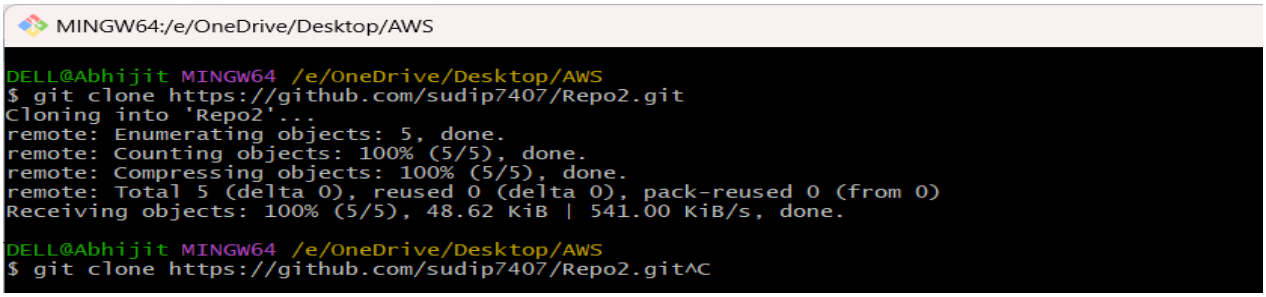
Solution:

First You have to go to the official website for git and from there you have to download the git bash for your operating system (Windows/Mac/Linux).

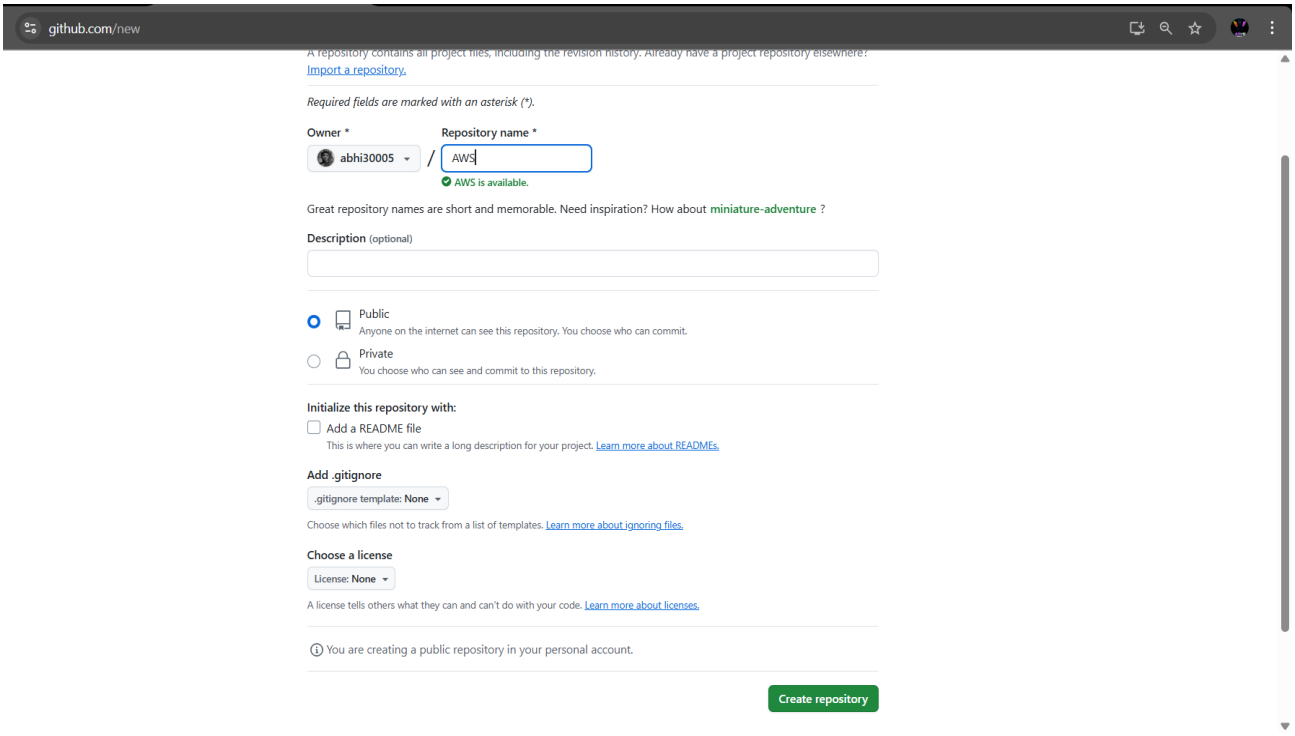
After that, you have to find the repository from where you want to download all the files using git bash and copy the link of that repository.



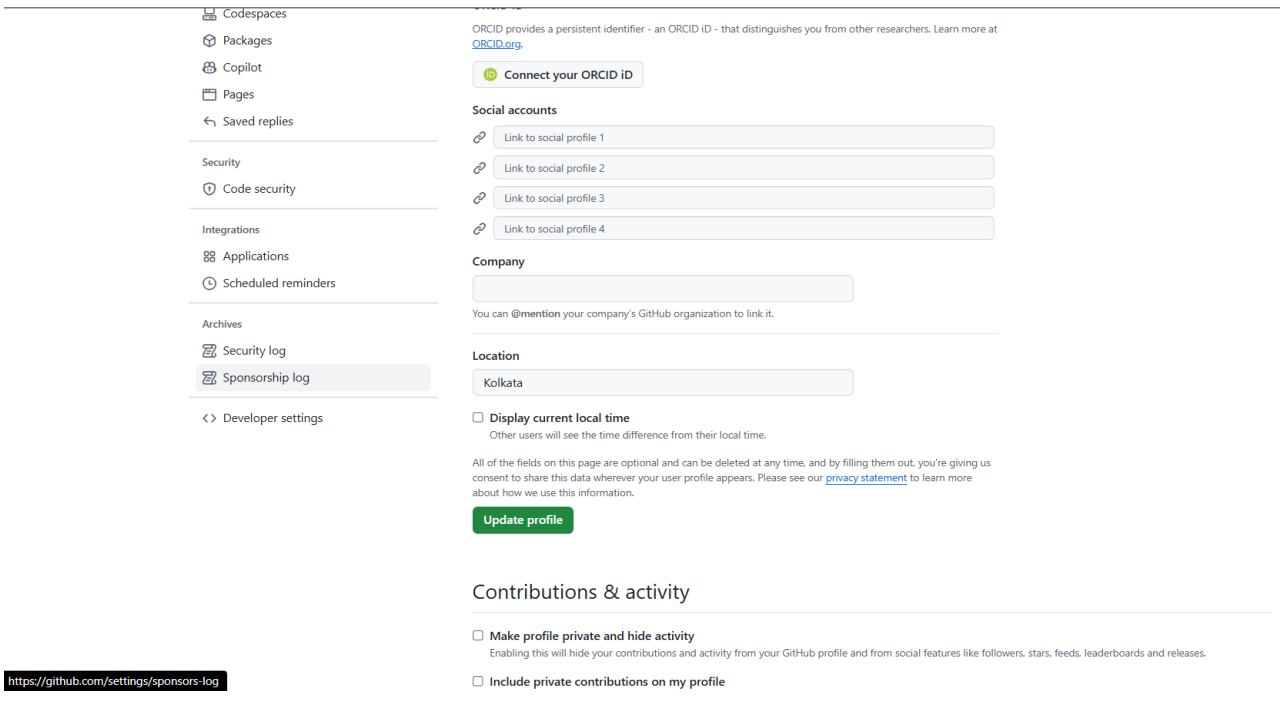
Then create a folder in which the files will be there, and then by entering the folder, open git bash and type the command “git clone <link of that repository>” to download the files in that folder.



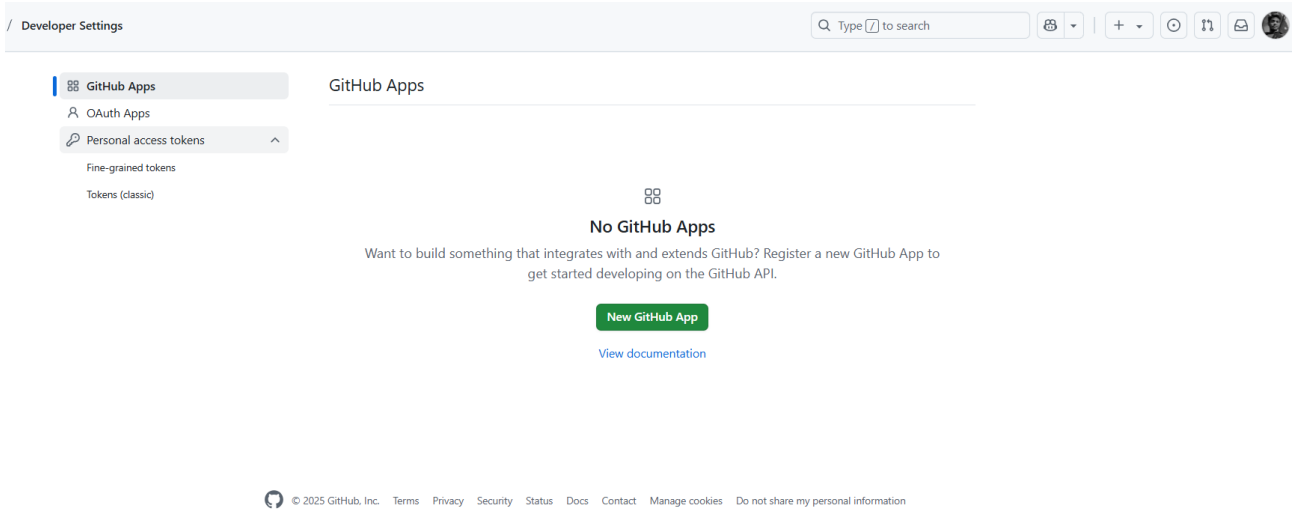
Now login to your own GitHub account and create a new repository.



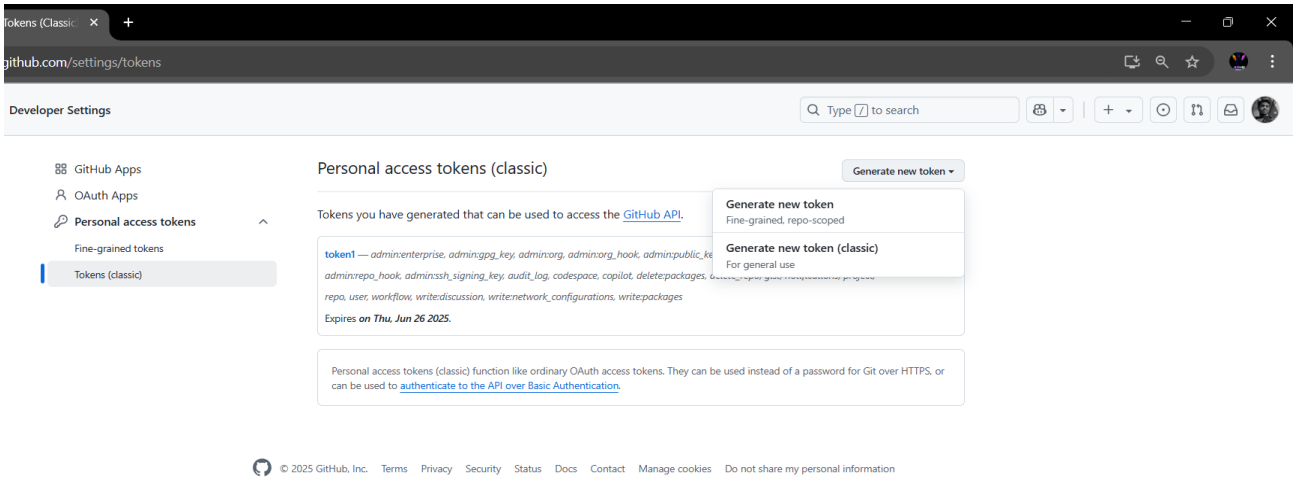
Then from account “settings”, go to “developer settings.



From developer settings window, go to “personal access tokens” and click on “Tokens (classis)”.



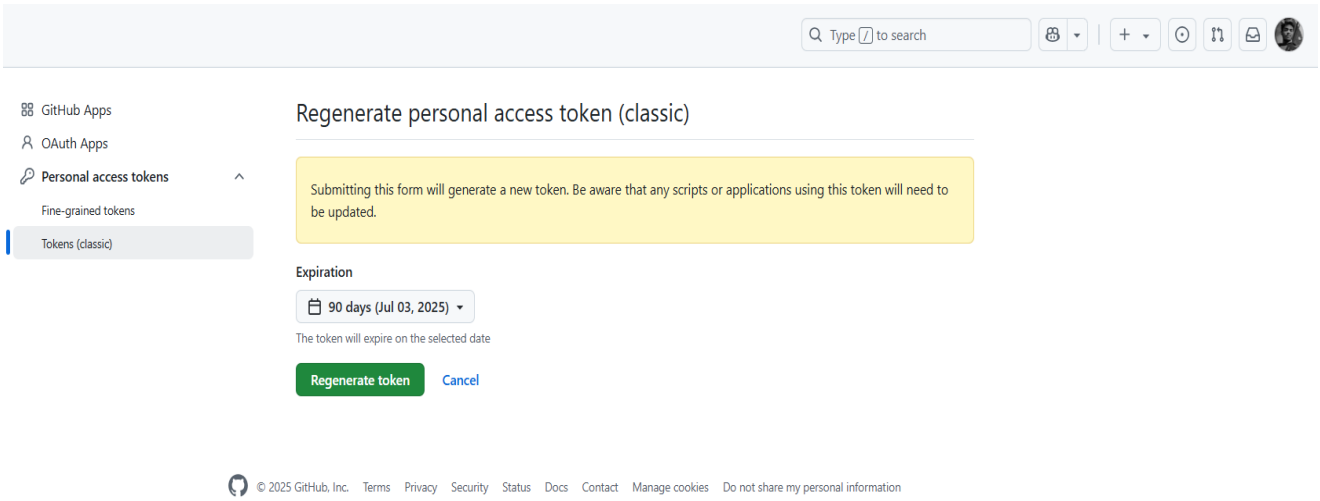
Then on the top right from the option “Generate new token”, click on “Generate new token (classis)” option.



In the next screen, give a name for your token and check all master checkboxes present in there, and click on “Generate token”.

Then a token will be generated, which you need to preserve for further references.

Token: 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



After these steps, go to the folder where you have downloaded the files and open git bash from there.
Then execute the following commands as mentioned:

- ❖ git init → to initialize the empty git repository.
- ❖ git config → global user.name & git config –global user. Email -> to set the username and email id for GitHub account.
- ❖ git config --global --list → to see the username and email id of the account.
- ❖ git add. → to add all the files (changed or unchanged) into the subdirectory to be uploaded.
- ❖ git status → to view the list of all the files to be uploaded.
- ❖ git commit -m done → to set the files for final commit
- ❖ git push origin master → to finally upload all the files into the blank repository (using the token copied earlier).

MINGW64:/e/OneDrive/Desktop/AWS/Repo2

```
DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2
$ git config --global --list
user.name=abhi30005
user.email=bhuniaabhijit721644@gmail.com

DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2
$ git init
Initialized empty Git repository in E:/OneDrive/Desktop/AWS/Repo2/.git/

DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2 (master)
$ git add .

DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2 (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   index.js
        new file:   package-lock.json
        new file:   package.json


DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2 (master)
$ git commit -m "done"
[master (root-commit) 81eca03] done
 3 files changed, 4561 insertions(+)
 create mode 100644 index.js
 create mode 100644 package-lock.json
 create mode 100644 package.json

DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2 (master)
$ git remote add origin https://github.com/abhi30005/AWS.git

DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2 (master)
$ git push -u origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 47.89 KiB | 4.35 MiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/abhi30005/AWS.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2 (master)
$
```

After all these steps just check manually whether the files are uploaded or not in the required directory.