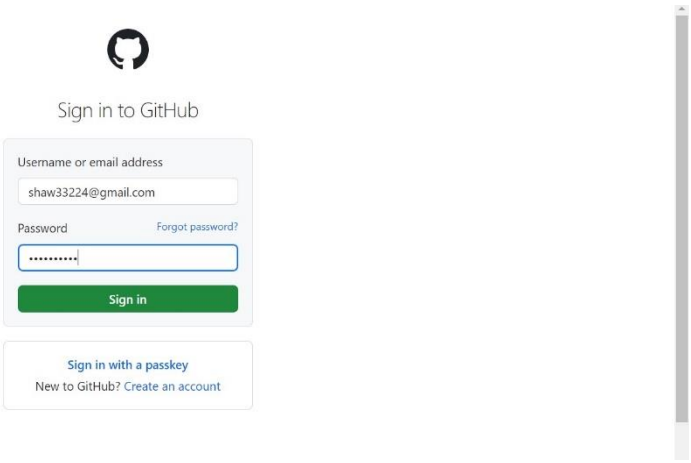
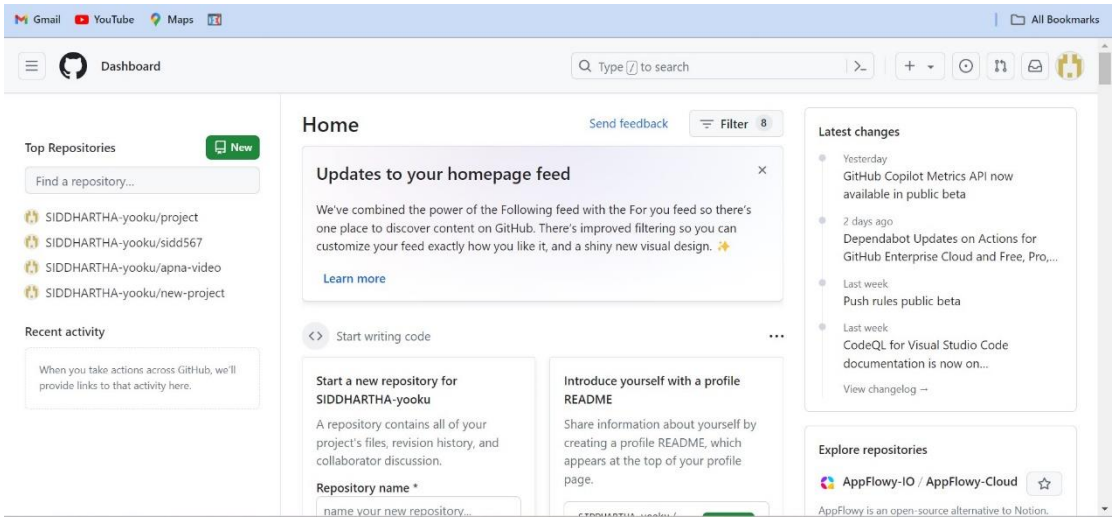
**PROBLEM STATEMENT :**

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

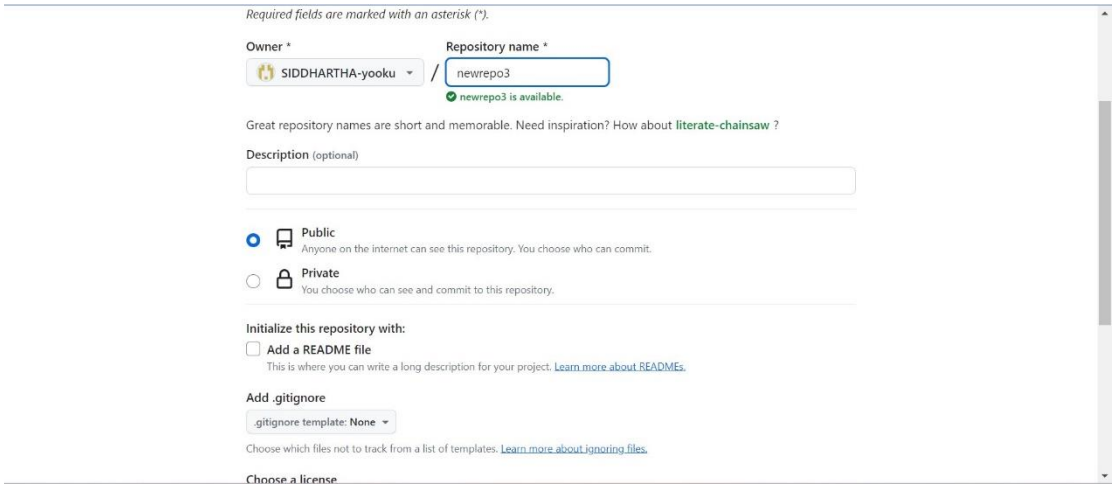
**1**. Search for GitHub and sign in or log in if already you have an account with your Username or email address and password.




**2.** Now click on “New”.

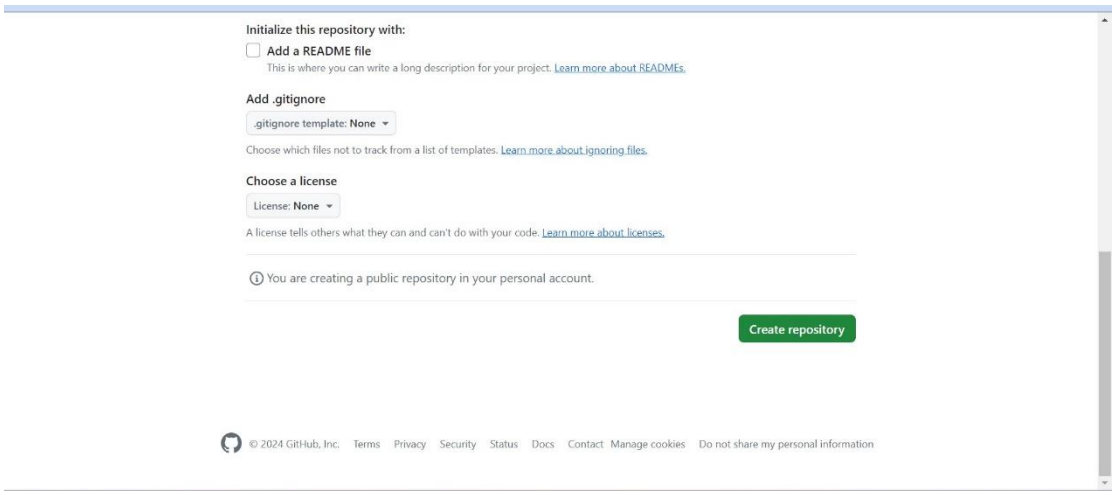


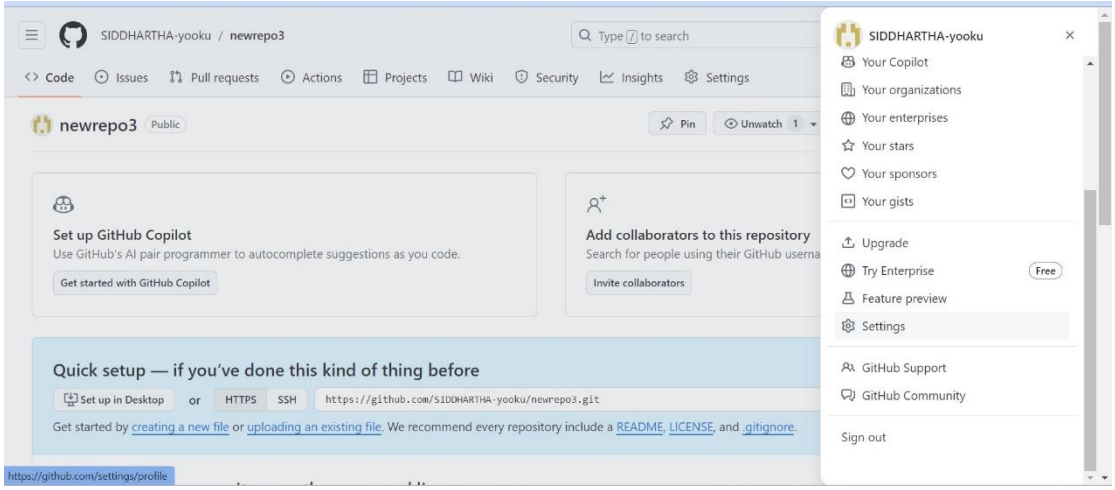

**3.** Under “Create a new repository”, write the “Repository name” and click on “Public” then click on “Create repository”.



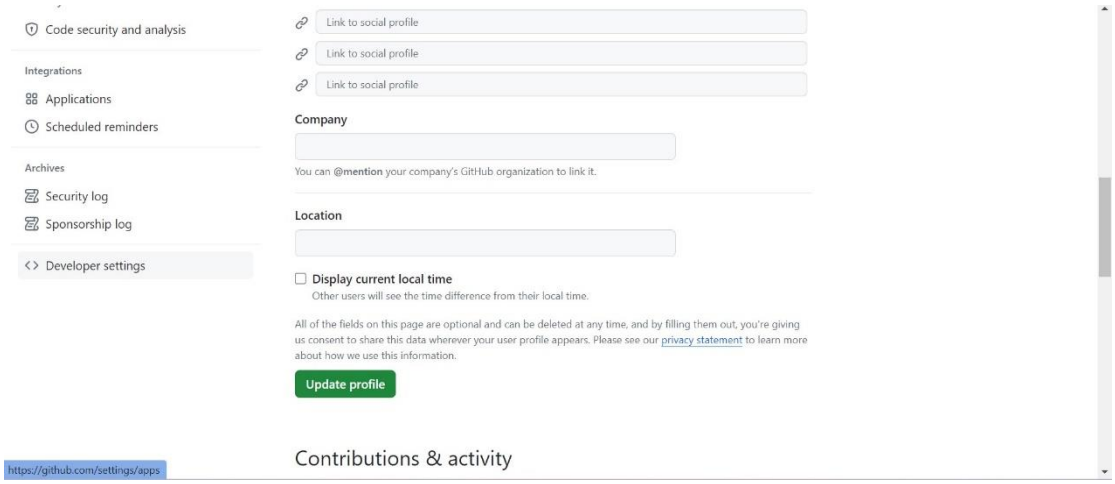

**4.“**newrepo3” is successfully created.

**5**. Go back to “Home” and click on “Settings”

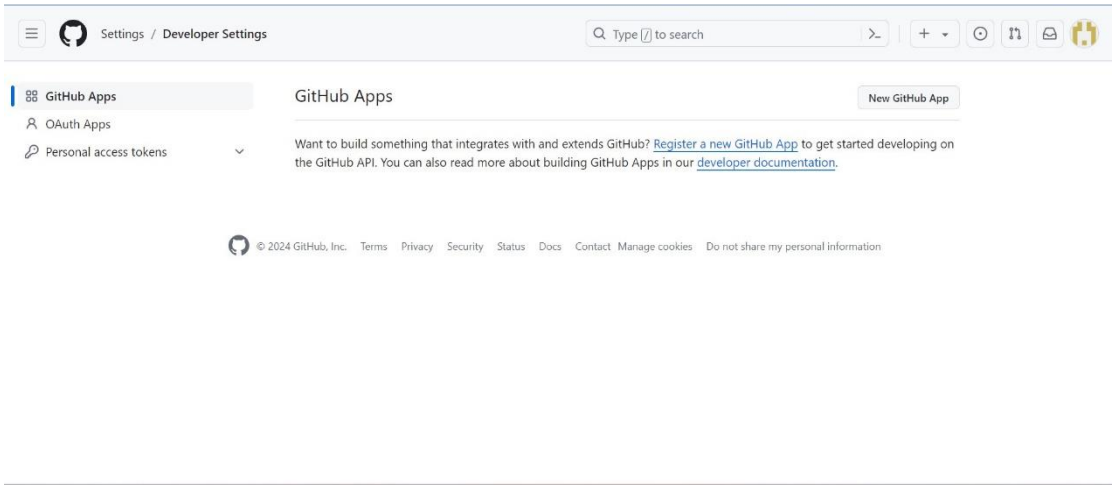


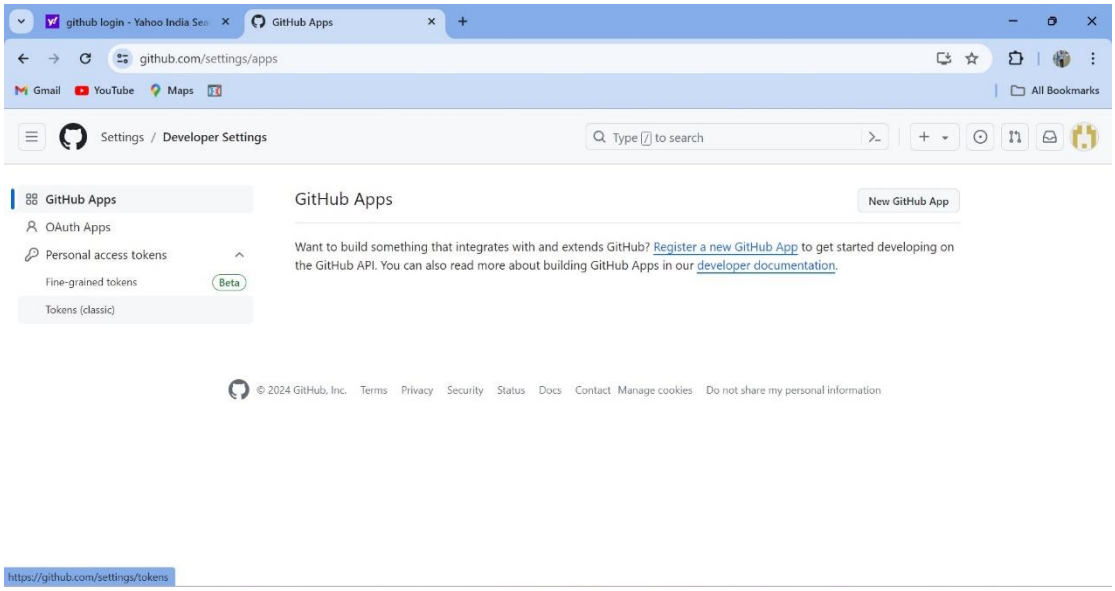
**6.** Under “Settings”, select “Developer settings”.



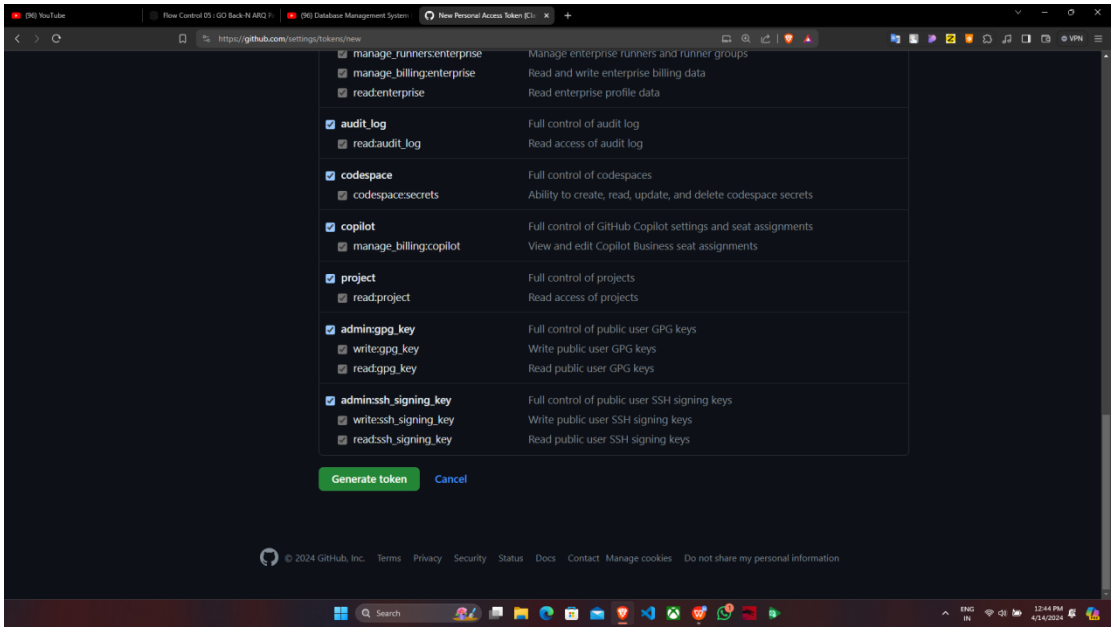

**7.** After clicking on “Developer settings”, under “Personal access tokens” click on “Tokens(classic)”.



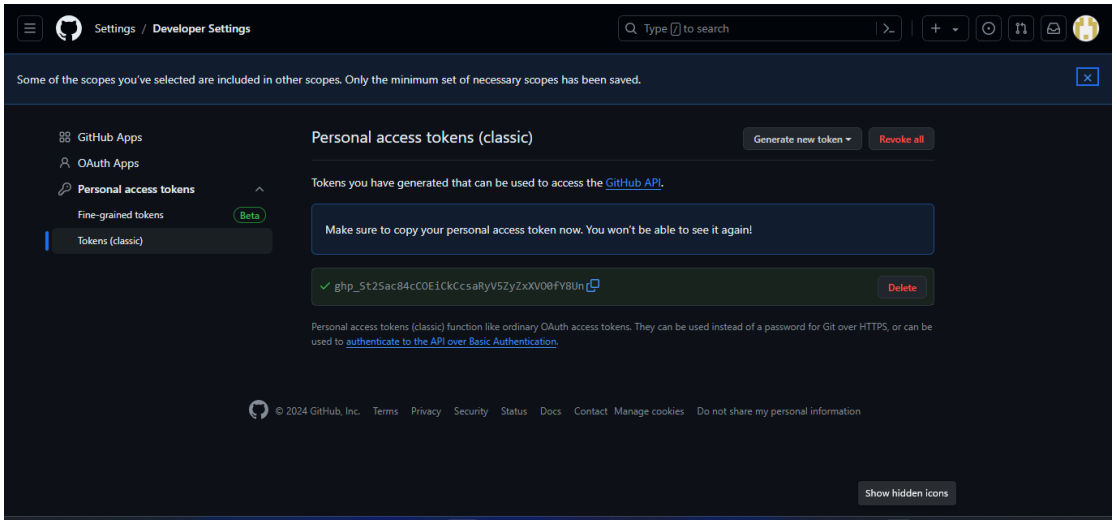

**8.**Go to “Generate new token”, click on “Generate new token(classic)”.



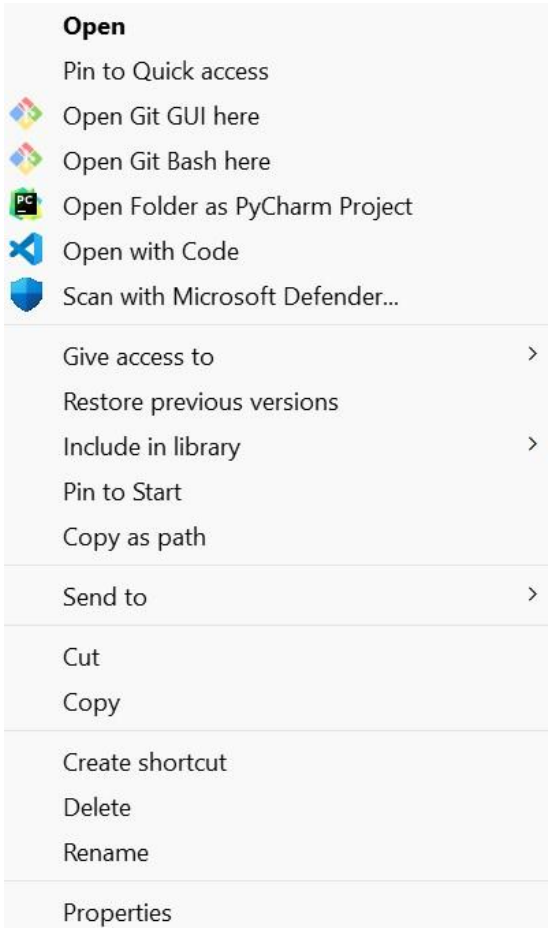

**9.** Under “New personal access token(classic)”,give the token name ,set the expiration to 90 days and click on all the checkboxes. Then click “Generate token”.




**10.** Token is generated successfully. Copy the token in notepad.




**11**.Now create a new folder in your desktop then right click on it and go to “Show more options” then select “Git Bash Here”.




**12.**Type the following codes:After this command one window appears , go to “Token” then enter the token and click on “Sign in”.

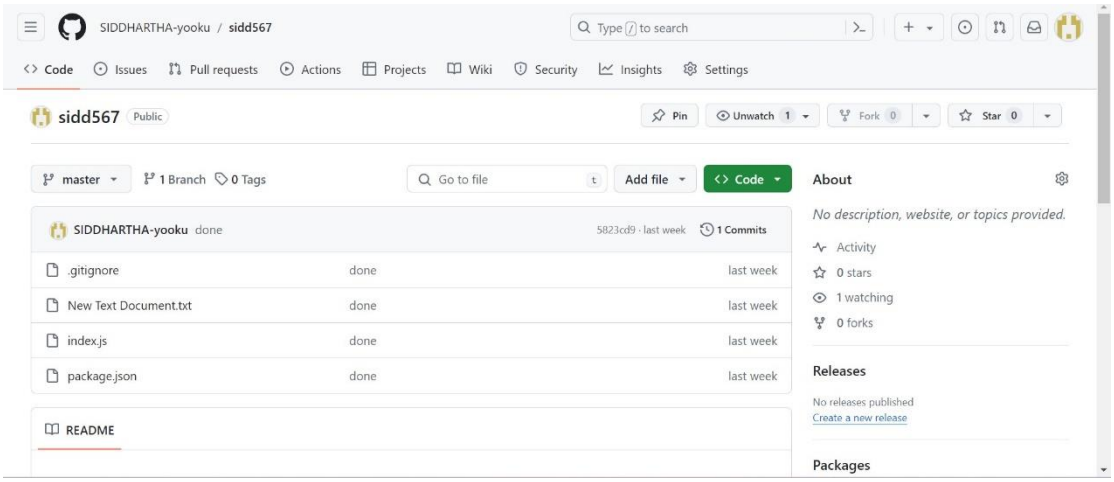
**13:** Type the following codes:

```
    --[no-]reference-if-able <repo>
                          reference repository
    --[no-]dissociate     use --reference only while cloning
    -o, --[no-]origin <name>
                          use <name> instead of 'origin' to track upstream
    -b, --[no-]branch <branch>
                          checkout <branch> instead of the remote's HEAD
    -u, --[no-]upload-pack <path>
                          path to git-upload-pack on the remote
    --[no-]depth <depth>  create a shallow clone of that depth
    --[no-]shallow-since <time>
                          create a shallow clone since a specific time
    --[no-]shallow-exclude <revision>
                          deepen history of shallow clone, excluding rev
    --[no-]single-branch  clone only one branch, HEAD or --branch
    --no-tags             don't clone any tags, and make later fetches not to follow them
    --tags                opposite of --no-tags
    --[no-]shallow-submodules
                          any cloned submodules will be shallow
    --[no-]separate-git-dir <gitdir>
                          separate git dir from working tree
    -c, --[no-]config <key=value>
                          set config inside the new repository
    --[no-]server-option <server-specific>
                          option to transmit
    -4, --ipv4            use IPv4 addresses only
    -6, --ipv6            use IPv6 addresses only
    --[no-]filter <args>  object filtering
    --[no-]also-filter-submodules
                          apply partial clone filters to submodules
    --[no-]remote-submodules
                          any cloned submodules will use their remote-tracking branch
    --[no-]sparse         initialize sparse-checkout file to include only files at root
    --[no-]bundle-uri <uri>
                          a URI for downloading bundles before fetching from origin remote


Admin@L2-066 MINGW64 ~/Desktop/aws project (master)
$ git clone  https://github.com/moumita02314/myawsproject1.git
Cloning into 'myawsproject1'...
remote: Enumerating objects: 15, done.
remote: Counting objects: 100% (15/15), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 15 (delta 6), reused 4 (delta 0), pack-reused 0
Receiving objects: 100% (15/15), done.
Resolving deltas: 100% (6/6), done.

Admin@L2-066 MINGW64 ~/Desktop/aws project (master)
$
```

```
$ git add .

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   .gitignore
        new file:   New Text Document.txt
        new file:   index.js
        new file:   package.json


Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global user.gmail

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global user.email
soumyadipdhara01@gmail.com

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global --add user.email "shaw33224gmail.com"

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global --add user.email "shaw33224gmail.com"

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global --add user.email "shaw33224@gmail.com"

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global user.email
shaw33224@gmail.com

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global user.name
SOUMYADIP76

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global --add user.name "SIDDHARTHA-yooku"

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global user.name
SIDDHARTHA-yooku

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$
```

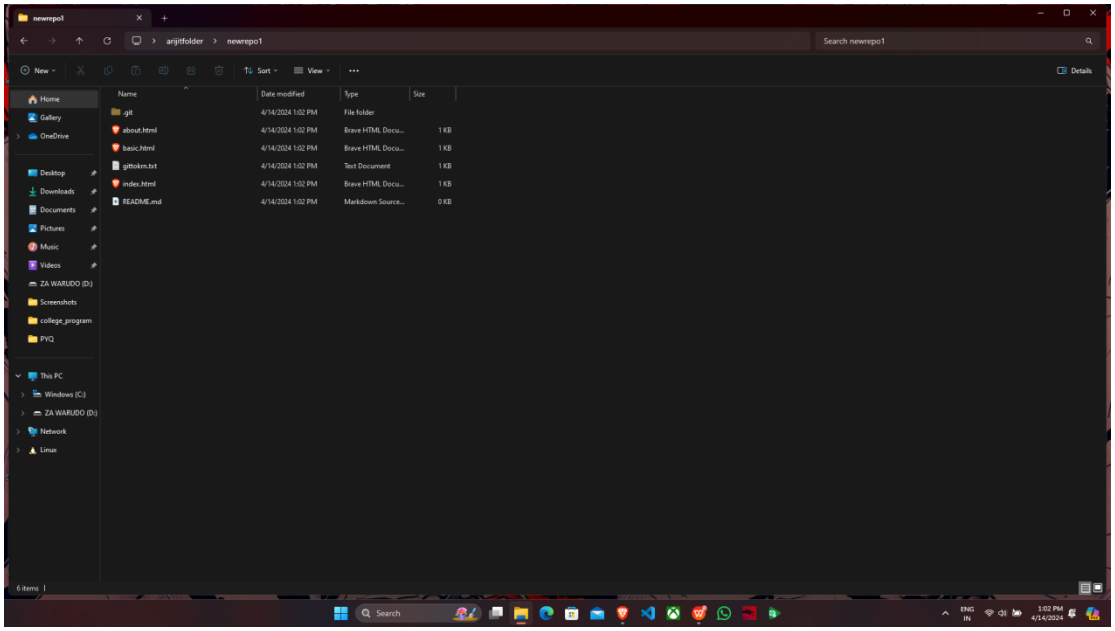
```
  (use "git rm --cached <file>..." to unstage)
        new file:   .gitignore
        new file:   New Text Document.txt
        new file:   index.js
        new file:   package.json


Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global user.gmail

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global user.email
soumyadipdhara01@gmail.com

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global --add user.email "shaw33224gmail.com"

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global --add user.email "shaw33224gmail.com"

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global --add user.email "shaw33224@gmail.com"

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global user.email
shaw33224@gmail.com

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global user.name
SOUMYADIP76

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global --add user.name "SIDDHARTHA-yooku"

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git config --global user.name
SIDDHARTHA-yooku

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git commit -m "done"
[master (root-commit) 5823cd9] done
 4 files changed, 53 insertions(+)
 create mode 100644 .gitignore
 create mode 100644 New Text Document.txt
 create mode 100644 index.js
 create mode 100644 package.json

Admin@L2-066 MINGW64 ~/Desktop/aws project/myawsproject1 (master)
$ git remote add origin https://github.com/SIDDHARTHA-yooku/sidd567.git
```

**14.**Now go back to GitHub and click on “SIDDHARTHA-YOOKU”/newrewrepo3”.Here we can see that all the files are uploaded here.




For deploying the project from GitHub to local machine, the steps are as follows:-
**1.** We have to create a new folder on our desktop and then right-click on the folder then go to “Select more options” and select "Open with Git Bash".


**2.** In the terminal we have to enter the following commands:
**git clone https://github.com/arijit-giorno/newrepo1.git**
**3.**The files have been successfully cloned. Hence, the deployment of the project from GitHub to the local machine has been completed.


newrepo1
arijitfolder
newrepo1
Search newrepo1
New
Sort
View
Details
Home
Gallery
OneDrive
Desktop
Downloads
Documents
Pictures
Music
Videos
ZA WARUDO (D:)
Screenshots
college_program
PYQ
This PC
Windows (C:)
ZA WARUDO (D:)
Network
Linux
Name
Date modified
Type
Size
.git
4/14/2024 1:02 PM
File folder
about.html
4/14/2024 1:02 PM
Brave HTML Docu...
1 KB
basic.html
4/14/2024 1:02 PM
Brave HTML Docu...
1 KB
gittokm.txt
4/14/2024 1:02 PM
Text Document
1 KB
index.html
4/14/2024 1:02 PM
Brave HTML Docu...
1 KB
README.md
4/14/2024 1:02 PM
Markdown Source...
0 KB
6 items
Search
ENG
IN
1:02 PM
4/14/2024