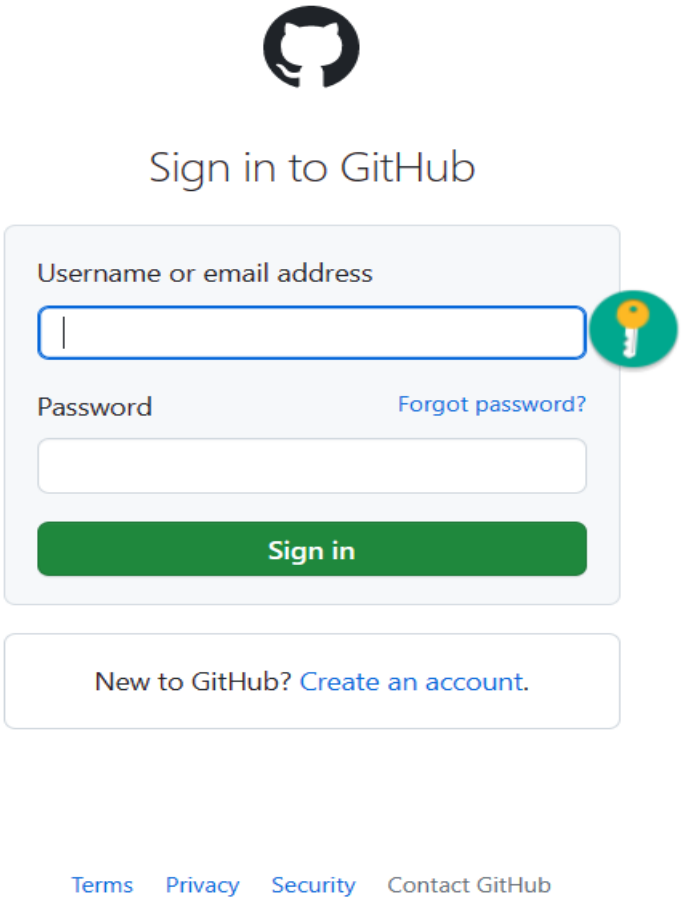
ASSIGNMENT 8

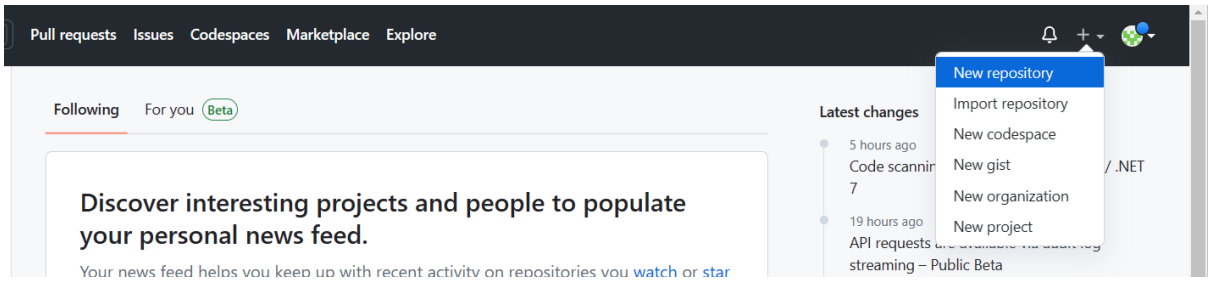
***Problem Statement*: Deploy a project from local machine to Github and vice versa.**

CREATE NEW REPOSITORY

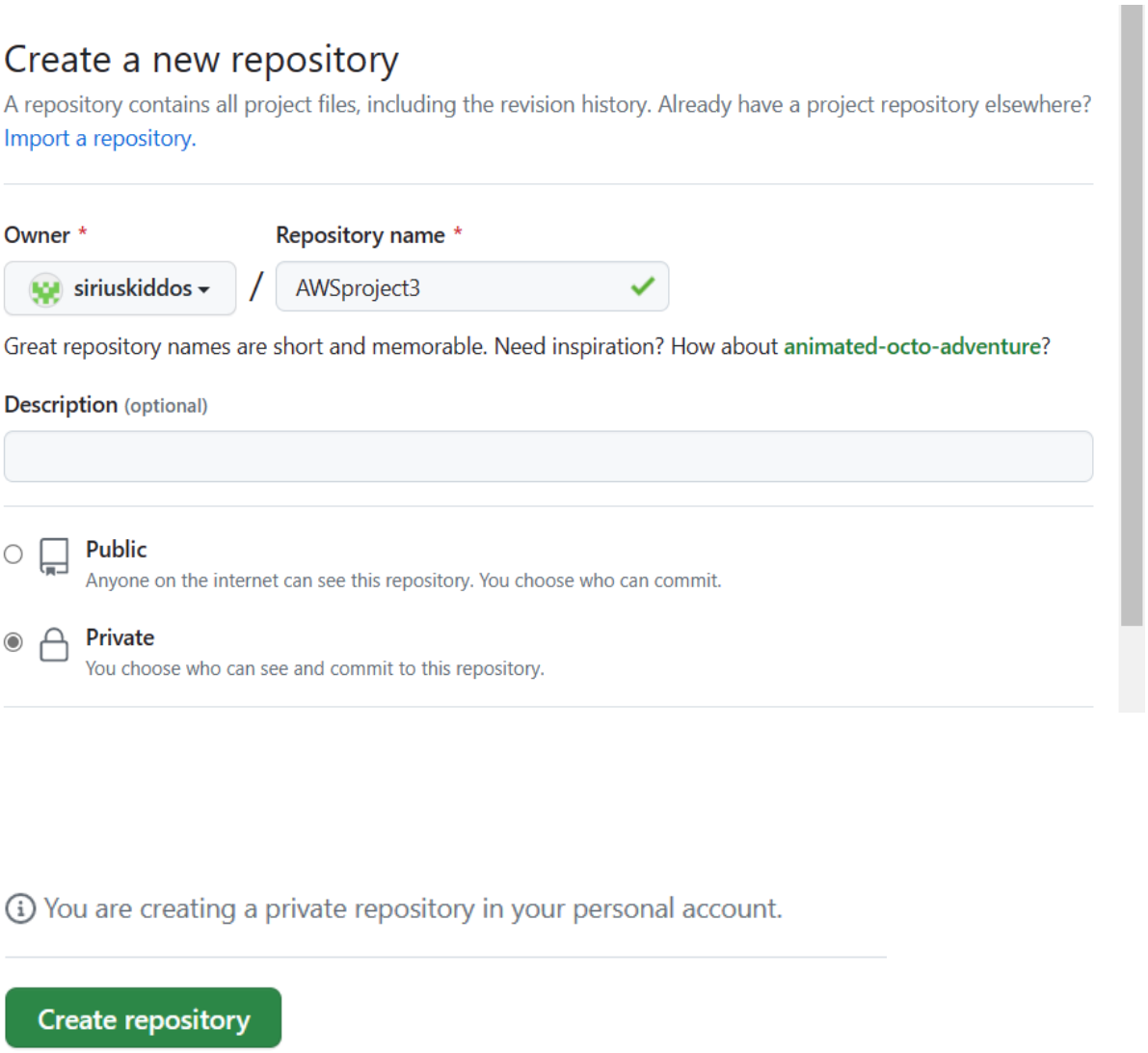
1. Sign in to your Github account.



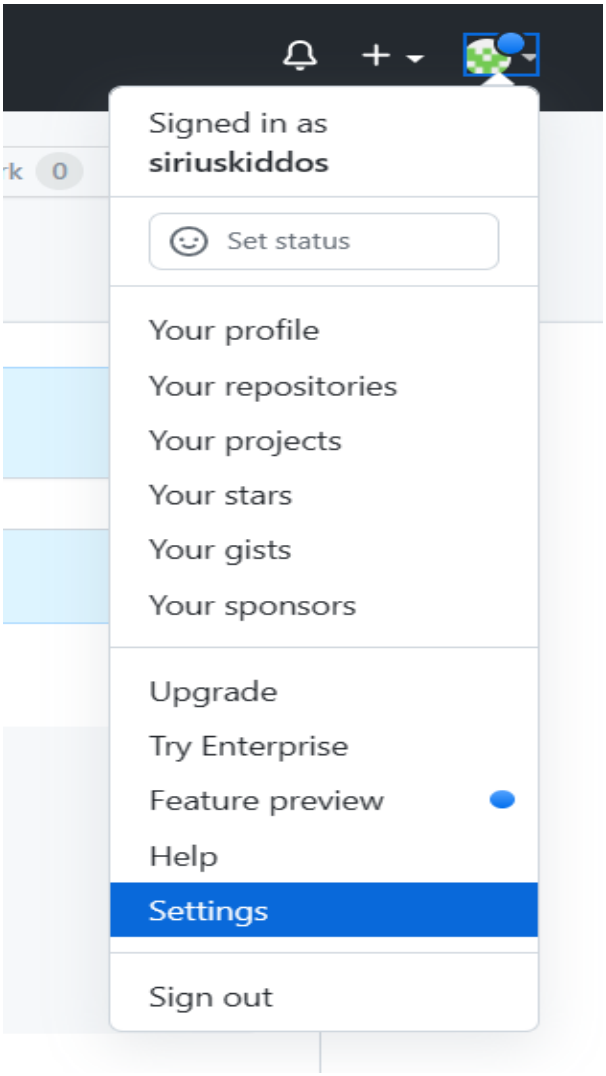
2. Click on the **'+'** sign in the top right then click on **New repository.**



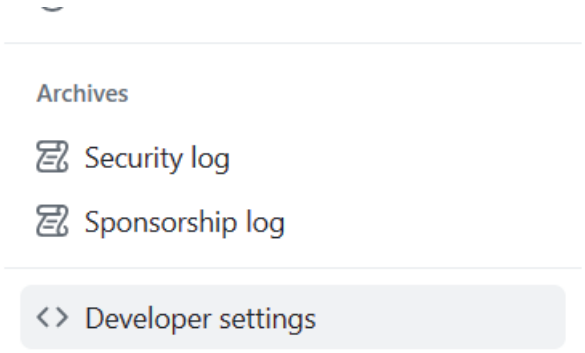
3. Give a **Repository name**. Next, select **Private** and click on **Create repository**.



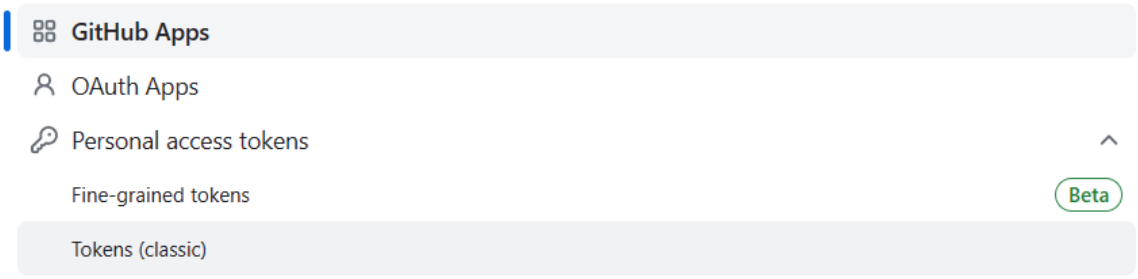
4. Click on your account at the top right, go to **Settings**.



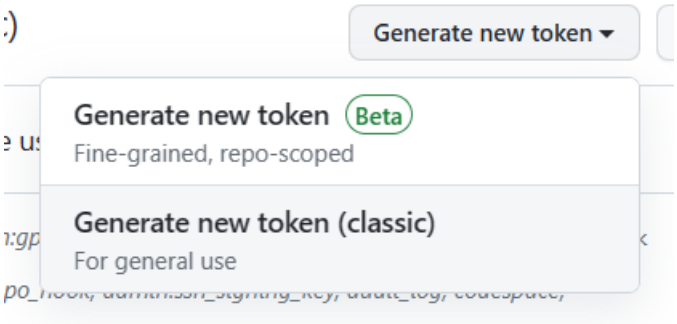
Then, go to Developer settings.



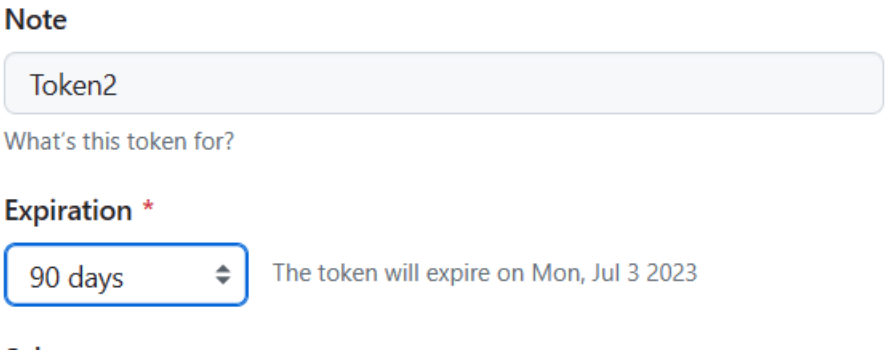
5. Select the drop-down menu of Personal access tokens and click **Tokens (classic).**

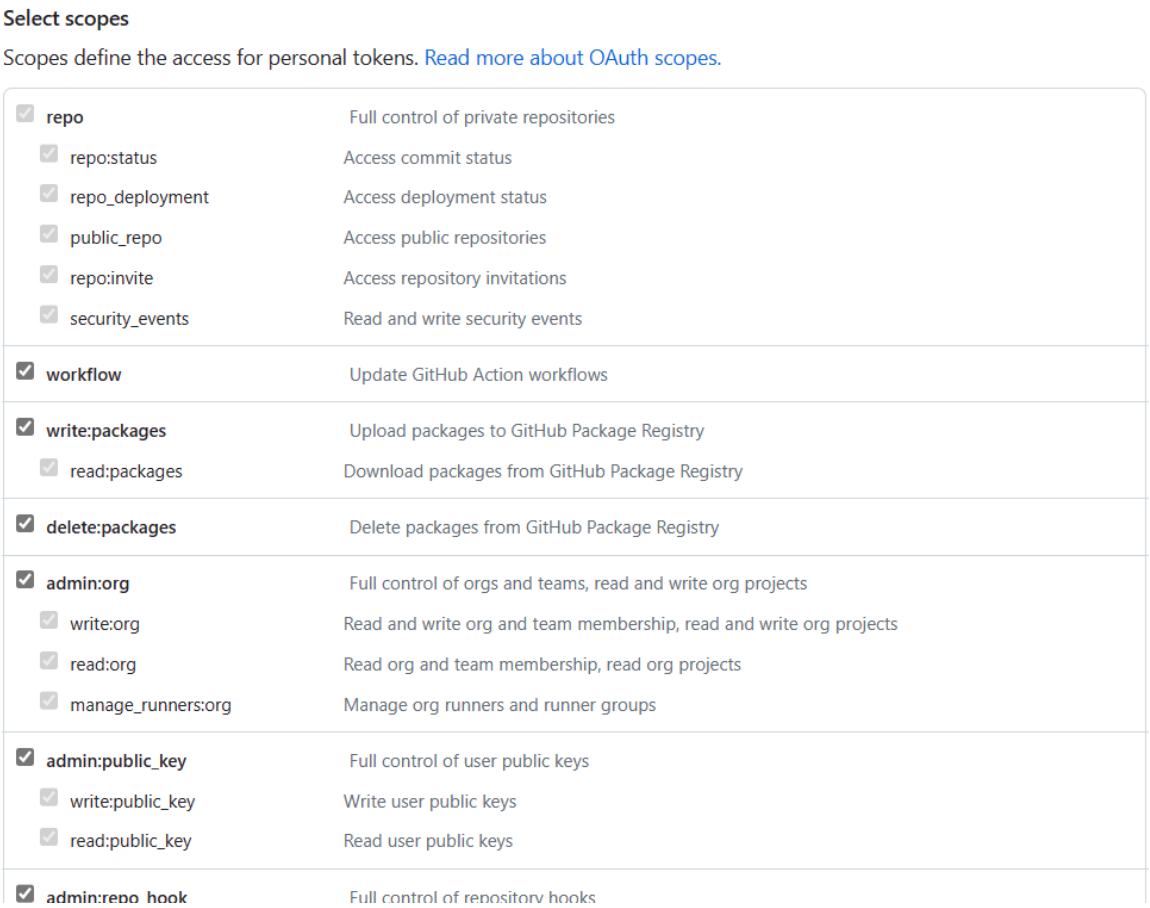


6. Click **Generate new token**, then **Generate new token (classic).**

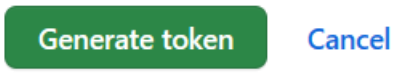


7. Give the Token name, set **Expiration** days as 90 and select all the checkboxes. Click Generate token. Save your token.

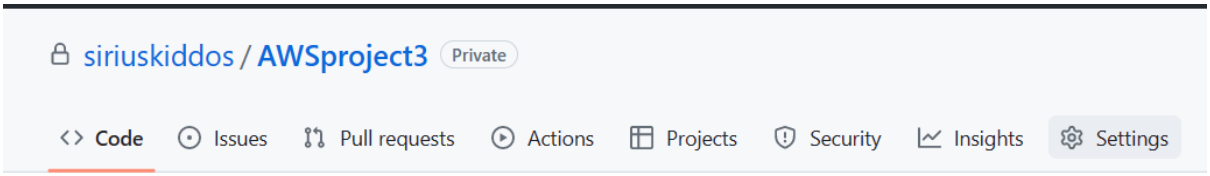




Continue…



8. Go to the newly created repository and then to repository **Settings**. Click **Collaborators**. Then click **Add people** and invite people by searching.



General

Access

Collaborators

Code and automation

Actions

Who h

PRIVATE

Only tho
reposito

Manage

Manage access

You haven't invited any collaborators yet

Add people

Manage access

Add people

Select all Type

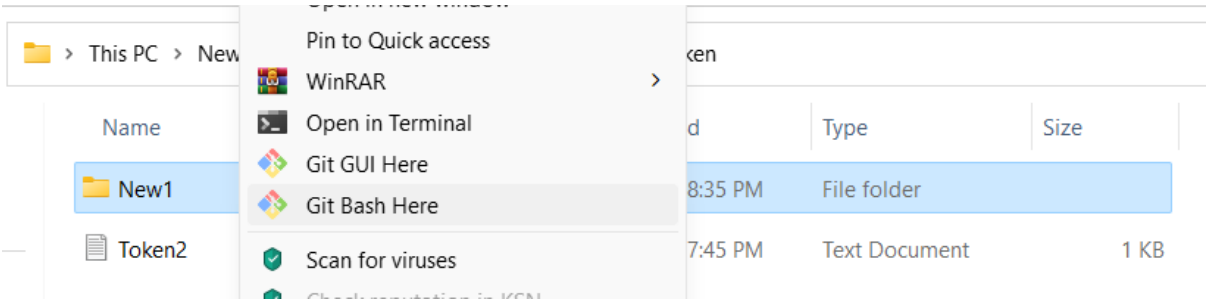
Find a collaborator...

Soham-2002
Collaborator

Remove

DEPLOYING A PROJECT FROM LOCAL MACHINE TO GITHUB.

1. Open the required HTML folder with Git Bash.



2. Type and execute the following commands one by one.

a. git init

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New1
$ git init
Initialized empty Git repository in D:/6th Sem/AWS/Ass8_Token/New1/.git/
```

b. ls

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New1 (master)
$ ls
Home.html  Next.html
```

c. git status

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New1 (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        Home.html
        Next.html

nothing added to commit but untracked files present (use "git add" to track)
```

d. git add .

e. git status

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New1 (master)
$ git add .

user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New1 (master)
$ git status
On branch master

No commits yet

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


user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New1 (master)
$
```

f. git config --global user.email sohailhaque1234@gmail.com

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New1 (master)
$ git config --global user.email "sohailhaque1234@gmail.com"
```

g. git config --global user.name "siriuskiddos"

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New1 (master)
$ git config --global user.name "siriuskiddos"
```

h. git commit -m “Html files committed”

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New1 (master)
$ git commit -m "done 1"
[master (root-commit) aea43d6] done 1
 2 files changed, 12 insertions(+)
 create mode 100644 Home.html
 create mode 100644 Next.html
```

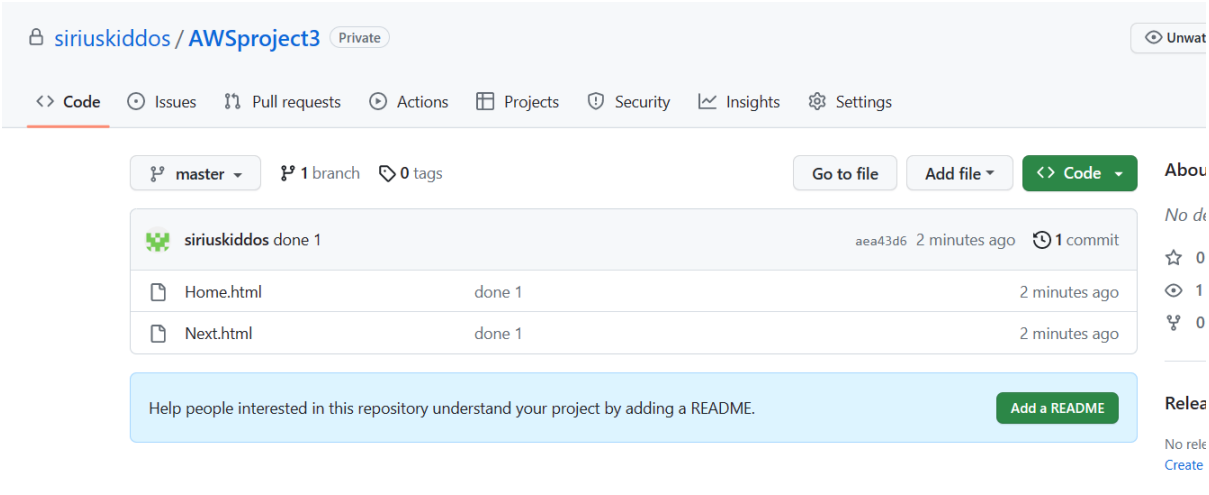
i. git remote add origin https://github.com/siriuskiddos/AWSproject3.git

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New1 (master)
$ git remote add origin https://github.com/siriuskiddos/AWSproject3.git
```

j. git push -u origin master

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New1 (master)
$ git push -u origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 470 bytes | 470.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/siriuskiddos/AWSproject3.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

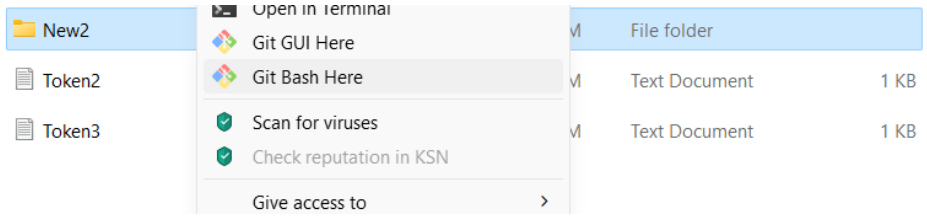
Go to your repository in Github and if it is already open, then refresh.



CLONING A GIVEN REPOSITORY FROM GITHUB TO LOCAL MACHINE AND UPLOADING THAT TO A NEWLY CREATED REPOSITORY

Cloning from Github to local machine

1. Create new directory and open Gitbash in this folder.



2. Type and execute the following commands

a. git init

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New2
$ git init
Initialized empty Git repository in D:/6th Sem/AWS/Ass8_Token/New2/.git/
```

b. git clone https://github.com/sudip7407/New-Repo1.git

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New2 (master)
$ git clone https://github.com/sudip7407/New-Repo1.git
Cloning into 'New-Repo1'...
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.
```

Uploading the cloned project from local machine to my repository

1. Create a new repository in Github
2. Open Gitbash in the cloned folder (remove the already existing .git hidden folder in the folder containing the cloned project.)

Type and execute the following commands

a. git init

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New2/New-Repo1 (master)
$ git init
Initialized empty Git repository in D:/6th Sem/AWS/Ass8_Token/New2/New-Repo1/.gi
t/
```

b. git add .

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New2/New-Repo1 (master)
$ git add .
```

c. git commit -m “Committed”

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New2/New-Repo1 (master)
$ git commit -m "done 2"
[master (root-commit) 3f01179] done 2
 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
```

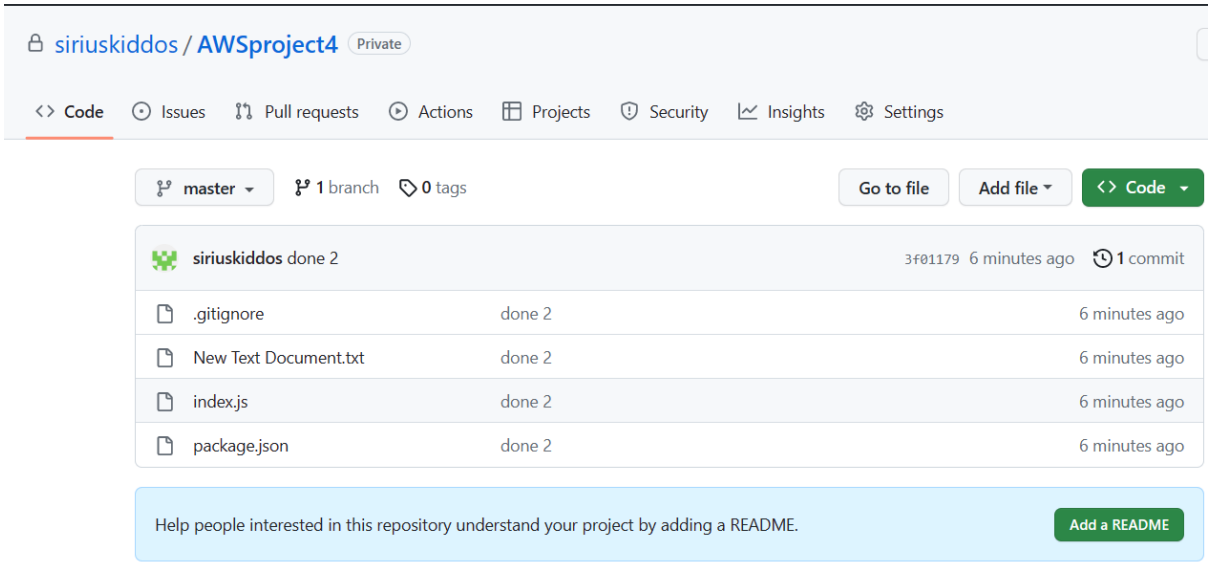
d. git remote add origin https://github.com/siriuskiddos/AWSproject4.git

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New2/New-Repo1 (master)
$ git remote add origin https://github.com/siriuskiddos/AWSproject4.git
```

e. git push -u origin master

```
user@LAPTOP-EN4MDAG1 MINGW64 /d/6th Sem/AWS/Ass8_Token/New2/New-Repo1 (master)
$ git push -u origin master
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (6/6), 825 bytes | 825.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/siriuskiddos/AWSproject4.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

Open the repository and refresh it if it is already opened.



HENCE THE CLONED PROJECT IS SUCCESSFULLY DEPLOYED