

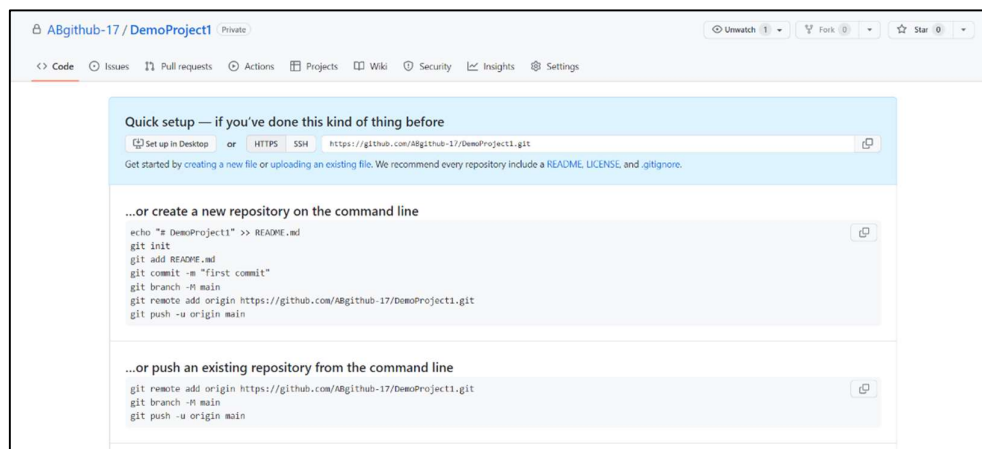
Assignment – 8

Problem Statement: -

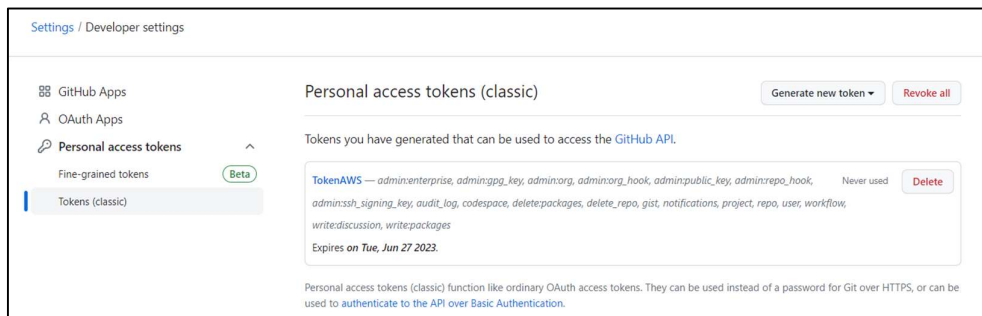
Deploy a project from Local machine to GitHub and vice versa.

Steps for create a repository, generate a token and add collaborator in GitHub: -

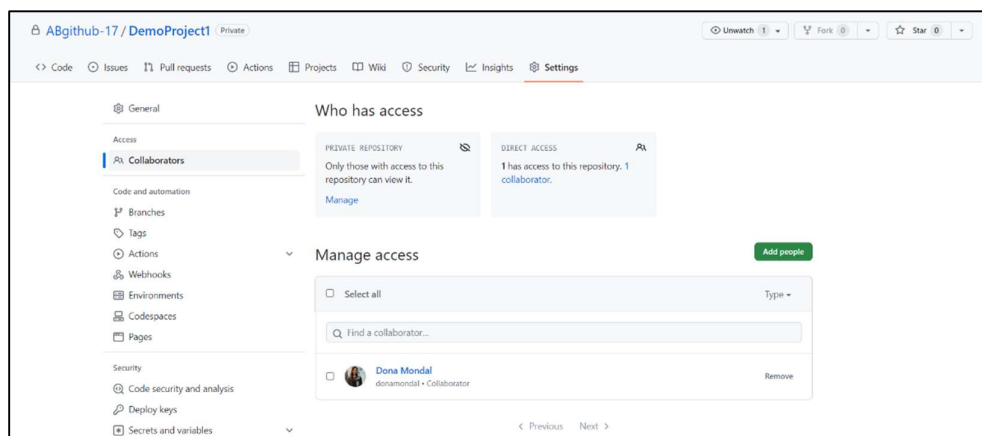
1. Go to your **GitHub Account**.
2. Then go **Repositories** and click **New**.
3. Give **Repository name**, choose **Public** or **Private** and click on **Create repository**.
4. Click on profile icon (top right corner on screen), go to repository settings then go to **Developer settings**. Select the drop-down menu of **Personal access tokens** and click **Tokens (classic)** and **Generate new token**.
5. Give the token name, set expiration day, select all the checkboxes, and click Generate token (save your token).
6. Go to the newly created repository and then go to **repository settings**. Click on **Collaborators** and select add people and invite people by searching.



Create a Repository



Generate Tokens (classic)



Add a Collaborator

Steps deploy a project from Local machine to GitHub and vice versa in GitHub: -

For Local machine to GitHub: -

1. Open the required folder (which contain your project) with **Git Bash**.
2. Execute the following commands:
 1. **git init**
 2. **ls -l**
 3. **git status**
 4. **git add .**
 5. **git status**
 6. **git commit -m "Done 1st commit"**
 7. **git remote add origin <repo_link>** (put your repository link)
 8. **git push -u origin master**
3. Refresh your repository.

Some snapshots of above process: -

```
MINGW64/F:/BTech/AWS LAB. x + v
ANIKET_BERA@LAPTOP-G46LLV6 MINGW64 /f/BTech/AWS LAB/HTML (master)
$ git init
Initialized empty Git repository in F:/BTech/AWS LAB/HTML/.git/

ANIKET_BERA@LAPTOP-G46LLV6 MINGW64 /f/BTech/AWS LAB/HTML (master)
$ ls -l
total 2
-rw-r--r-- 1 ANIKET_BERA 197121 259 Mar 21 20:35 index.html
-rw-r--r-- 1 ANIKET_BERA 197121 162 Mar 21 20:34 next.html

ANIKET_BERA@LAPTOP-G46LLV6 MINGW64 /f/BTech/AWS LAB/HTML (master)
$ git status
On branch master

No commits yet

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

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

ANIKET_BERA@LAPTOP-G46LLV6 MINGW64 /f/BTech/AWS LAB/HTML (master)
$ git add .

ANIKET_BERA@LAPTOP-G46LLV6 MINGW64 /f/BTech/AWS LAB/HTML (master)
$ git status
On branch master

No commits yet

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

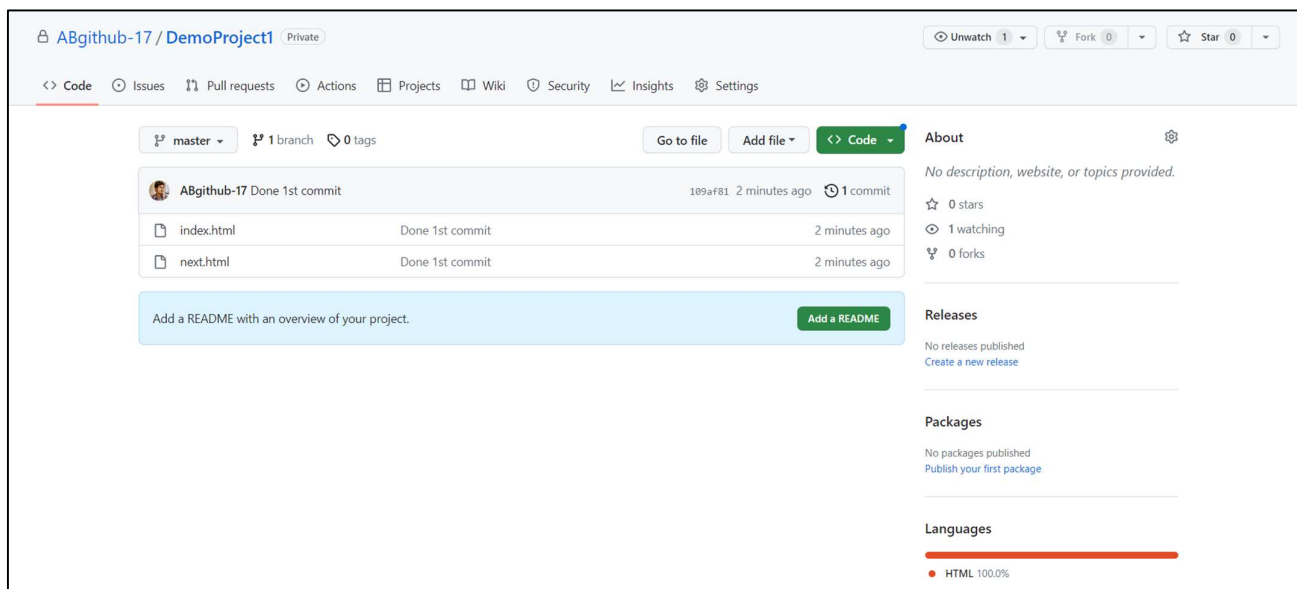
```
ANIKET_BERA@LAPTOP-G46LLV6 MINGW64 /f/BTech/AWS LAB/HTML (master)
$ git commit -m "Done 1st commit"
[master (root-commit) 109af81] Done 1st commit
2 files changed, 29 insertions(+)
create mode 100644 index.html
create mode 100644 next.html

ANIKET_BERA@LAPTOP-G46LLV6 MINGW64 /f/BTech/AWS LAB/HTML (master)
$ git remote add origin https://github.com/ABgithub-17/DemoProject1.git

ANIKET_BERA@LAPTOP-G46LLV6 MINGW64 /f/BTech/AWS LAB/HTML (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), 558 bytes | 279.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/ABgithub-17/DemoProject1.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

ANIKET_BERA@LAPTOP-G46LLV6 MINGW64 /f/BTech/AWS LAB/HTML (master)
$ |
```

After executing above commands



After deploy project

For vice versa: -

1. Create a new repository in **GitHub**.
2. Create a directory and open with **Git Bash**.
3. Execute the following commands:
 - a. **git init**
 - b. **git clone <repo_link>** *(put repository link which repository you want to clone)*
Open that cloned folder with Git Bash *(remove .git hidden folder if already exist in the folder)*
 - c. **git init**
 - d. **git add .**
 - e. **git commit -m "Done 1st commit"**
 - f. **git remote add origin <repo_link>** *(put newly created repository link)*
 - g. **git push -u origin master**
4. Refresh your repository.

Some snapshots of above process: -

```
MINGW64:/f/BTech/AWS LAB, x + v
ANIKET BERA@LAPTOP-G46LLVV6 MINGW64 /f/BTech/AWS LAB/TestProject (master)
$ git init
Initialized empty Git repository in F:/BTech/AWS LAB/TestProject/.git/

ANIKET BERA@LAPTOP-G46LLVV6 MINGW64 /f/BTech/AWS LAB/TestProject (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.

ANIKET BERA@LAPTOP-G46LLVV6 MINGW64 /f/BTech/AWS LAB/TestProject (master)
$ |
```

Clone Repository

```
MINGW64:/f/BTech/AWS LAB, x + v
ANIKET BERA@LAPTOP-G46LLVV6 MINGW64 /f/BTech/AWS LAB/TestProject/New-Repo1 (master)
$ git init
Initialized empty Git repository in F:/BTech/AWS LAB/TestProject/New-Repo1/.git/

ANIKET BERA@LAPTOP-G46LLVV6 MINGW64 /f/BTech/AWS LAB/TestProject/New-Repo1 (master)
$ git add .

ANIKET BERA@LAPTOP-G46LLVV6 MINGW64 /f/BTech/AWS LAB/TestProject/New-Repo1 (master)
$ git commit -m "Done 1st commit"
[master (root-commit) 31a384e] Done 1st commit
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

ANIKET BERA@LAPTOP-G46LLVV6 MINGW64 /f/BTech/AWS LAB/TestProject/New-Repo1 (master)
$ git remote add origin https://github.com/ABgithub-17/DemoProject2.git

ANIKET BERA@LAPTOP-G46LLVV6 MINGW64 /f/BTech/AWS LAB/TestProject/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), 836 bytes | 836.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/ABgithub-17/DemoProject2.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

ANIKET BERA@LAPTOP-G46LLVV6 MINGW64 /f/BTech/AWS LAB/TestProject/New-Repo1 (master)
$ |
```

Push Cloned Repository

ABgithub-17 / DemoProject2Private

Unwatch1

Fork0

Star0

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

master1 branch0 tags

Go to file

Add file

<> Code

ABgithub-17 Done 1st commit31a384e3 minutes ago1 commit

.gitignore	Done 1st commit	3 minutes ago
New Text Document.txt	Done 1st commit	3 minutes ago
index.js	Done 1st commit	3 minutes ago
package.json	Done 1st commit	3 minutes ago

Add a README with an overview of your project.

Add a README

About

No description, website, or topics provided.

0 stars

1 watching

0 forks

Releases

No releases published

Create a new release

Packages

No packages published

Publish your first package

Languages

JavaScript100.0%

After deploy project