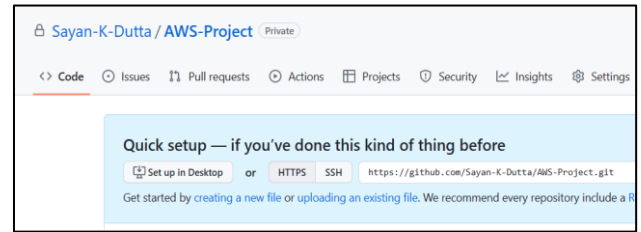


Assignment 8: Deploy a project from local machine to GitHub and vice versa.

1. Create new repository

- Go to your GitHub Account. Go to your **Repositories**. Click **New**.
- Give repo name. Select **Private** and click on **Create repository**.



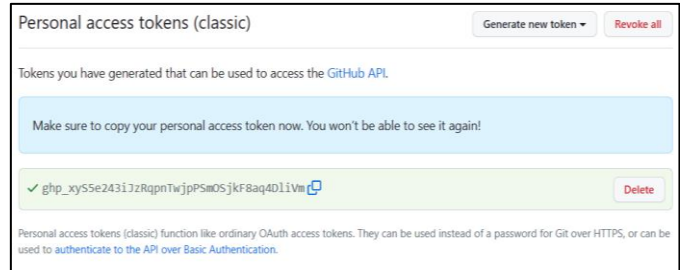
2. Click on your account at the top right, go to **Settings** then go to **Developer settings**.

3.

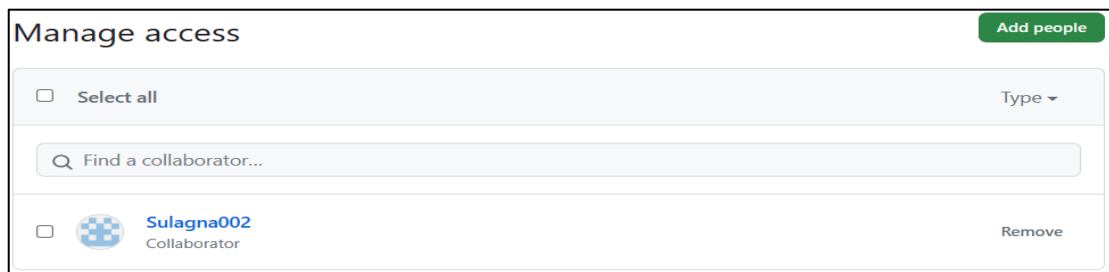
4. Select the drop-down menu of **Personal access tokens** and click **Tokens (classic)**.

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

6. Give the token name, set expiration days as 90 and select all the checkboxes. Click **Generate token**. Save your token.



7. Go to the newly created repository and then to repository settings. Click **Collaborators**. Select **Add people** and invite people by searching.



8. Deploying a project from local machine to GitHub.

I. Deploying in local repository

- Open the required html folder with Git Bash.
- Type and execute the following commands:

- `git init`
- `ls -L`
- `git status`
- `git add .`
- `git status`
- `git config --global user.email "sayan.myplatform@gmail.com"`
- `git config --global user.name "Sayan-K-Dutta"`
- `git commit -m "Html files committed"`

```
HP@LAPTOP-ORHOBGCF MINGW64 ~/Documents/AWS ASSIGNMENT/Html
$ git init
Initialized empty Git repository in C:/Users/HP/Documents/AWS ASSIGNMENT/Html/.git/

HP@LAPTOP-ORHOBGCF MINGW64 ~/Documents/AWS ASSIGNMENT/Html (master)
$ ls -L
about.html index.html next.html

HP@LAPTOP-ORHOBGCF MINGW64 ~/Documents/AWS ASSIGNMENT/Html (master)
$ git status
On branch master

No commits yet

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

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

HP@LAPTOP-ORHOBGCF MINGW64 ~/Documents/AWS ASSIGNMENT/Html (master)
$ git add .

HP@LAPTOP-ORHOBGCF MINGW64 ~/Documents/AWS ASSIGNMENT/Html (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:   index.html
  new file:   next.html
```

```
HP@LAPTOP-ORHOBGCF MINGW64 ~/Documents/AWS ASSIGNMENT/Html (master)
$ git config --global user.email "sayan.myplatform@gmail.com"

HP@LAPTOP-ORHOBGCF MINGW64 ~/Documents/AWS ASSIGNMENT/Html (master)
$ git config --global user.name "Sayan-K-Dutta"

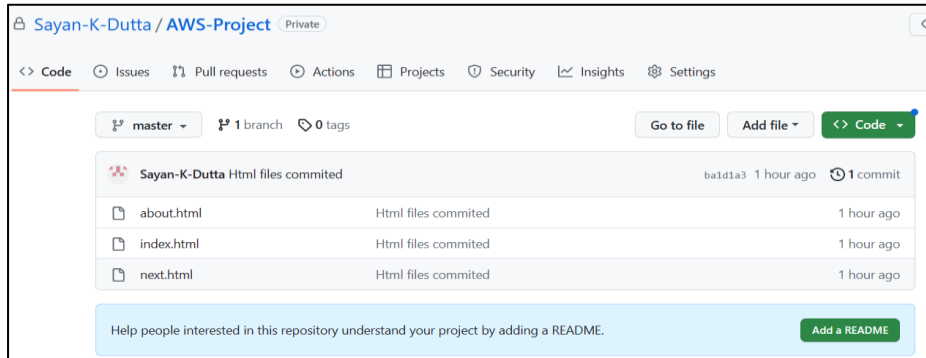
HP@LAPTOP-ORHOBGCF MINGW64 ~/Documents/AWS ASSIGNMENT/Html (master)
$ git commit -m "Html files committed"
[master (root-commit) bald1a3] Html files committed
3 files changed, 21 insertions(+)
create mode 100644 about.html
create mode 100644 index.html
create mode 100644 next.html
```

```
HP@LAPTOP-ORHOBGCF MINGW64 ~/Documents/AWS ASSIGNMENT/Html (master)
$ git remote add origin https://github.com/Sayan-K-Dutta/AWS-Project.git

HP@LAPTOP-ORHOBGCF MINGW64 ~/Documents/AWS ASSIGNMENT/Html (master)
$ git push -u origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 547 bytes | 547.00 KiB/s, done.
Total 5 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/Sayan-K-Dutta/AWS-Project.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

II. Deploying in GitHub from local machine

- i. Type and execute the following commands:
 - `git remote add origin https://github.com/Sayan-K-Dutta/AWS-Project.git`
 - `git push-u origin master`
- ii. Sign in the GitHub account and refresh in your browser.



9. Deploying a project from GitHub to local machine and cloning in your repo.

I. Cloning from GitHub to local machine

- i. Create new directory and open Git Bash in this folder.
- ii. Type and execute the following commands:
 - `git init`
 - `git clone https://github.com/sudip7407/New-Repo1.git`

```
HP@LAPTOP-ORH0BCGF MINGW64 ~/Documents/AWS ASSIGNMENT/Sample
$ git init
Initialized empty Git repository in C:/Users/HP/Documents/AWS ASSIGNMENT/Sample/.git/

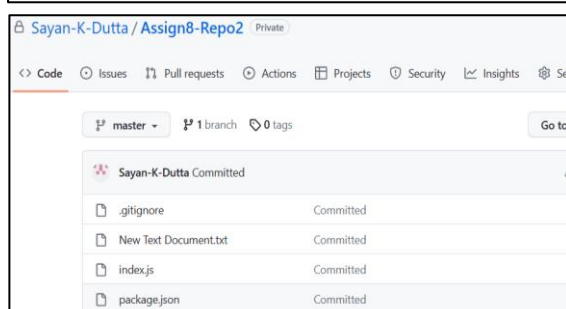
HP@LAPTOP-ORH0BCGF MINGW64 ~/Documents/AWS ASSIGNMENT/Sample (master)
$ git clone https://github.com/sudip7407/New-Repo1.git
Cloning into 'New-Repo1'...
remote: Enumerating objects: 15, done.
remote: Counting objects: 100% (15/15), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 15 (delta 6), reused 4 (delta 0), pack-reused 0
Receiving objects: 100% (15/15), done.
Resolving deltas: 100% (6/6), done.
```

II. Uploading the cloned project from local machine to my repository

- i. Create a new repository in GitHub
- ii. Open Git Bash in the cloned folder (remove the already existing .git hidden folder in the folder containing the cloned project.)
- iii. Type and execute the following commands:
 - `git init`
 - `git add .`
 - `git commit -m "Committed"`
 - `git remote add origin https://github.com/Sayan-K-Dutta/Assign8-Repo2.git`
 - `git push -u origin master`
- iv. Refresh your repository.

```
HP@LAPTOP-ORH0BCGF MINGW64 ~/Documents/AWS ASSIGNMENT/Sample/New-Repo1 (master)
$ git init
Initialized empty Git repository in C:/Users/HP/Documents/AWS ASSIGNMENT/Sample/New-Repo1/.git/
```

```
HP@LAPTOP-ORH0BCGF MINGW64 ~/Documents/AWS ASSIGNMENT/Sample/New-Repo1 (master)
$ git add .
HP@LAPTOP-ORH0BCGF MINGW64 ~/Documents/AWS ASSIGNMENT/Sample/New-Repo1 (master)
$ git commit -m "Committed"
[master (root-commit) a67dc8b] Committed
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
```



```
HP@LAPTOP-ORH0BCGF MINGW64 ~/Documents/AWS ASSIGNMENT/Sample/New-Repo1 (master)
$ git remote add origin https://github.com/Sayan-K-Dutta/Assign8-Repo2.git
HP@LAPTOP-ORH0BCGF MINGW64 ~/Documents/AWS ASSIGNMENT/Sample/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), 834 bytes | 834.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Sayan-K-Dutta/Assign8-Repo2.git
 * [new branch] master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```