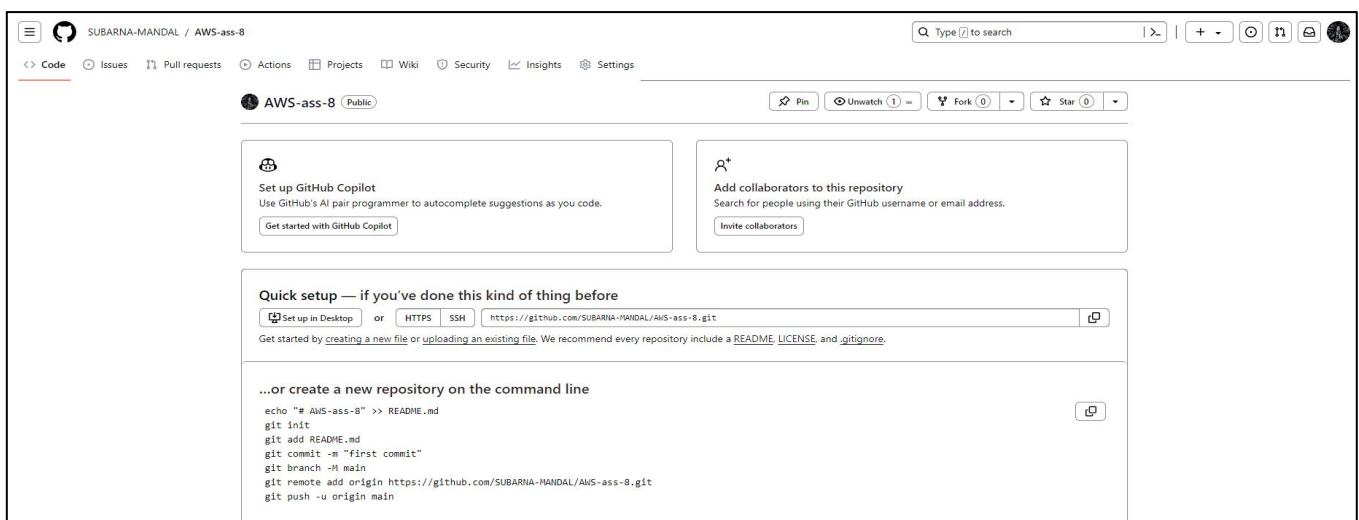
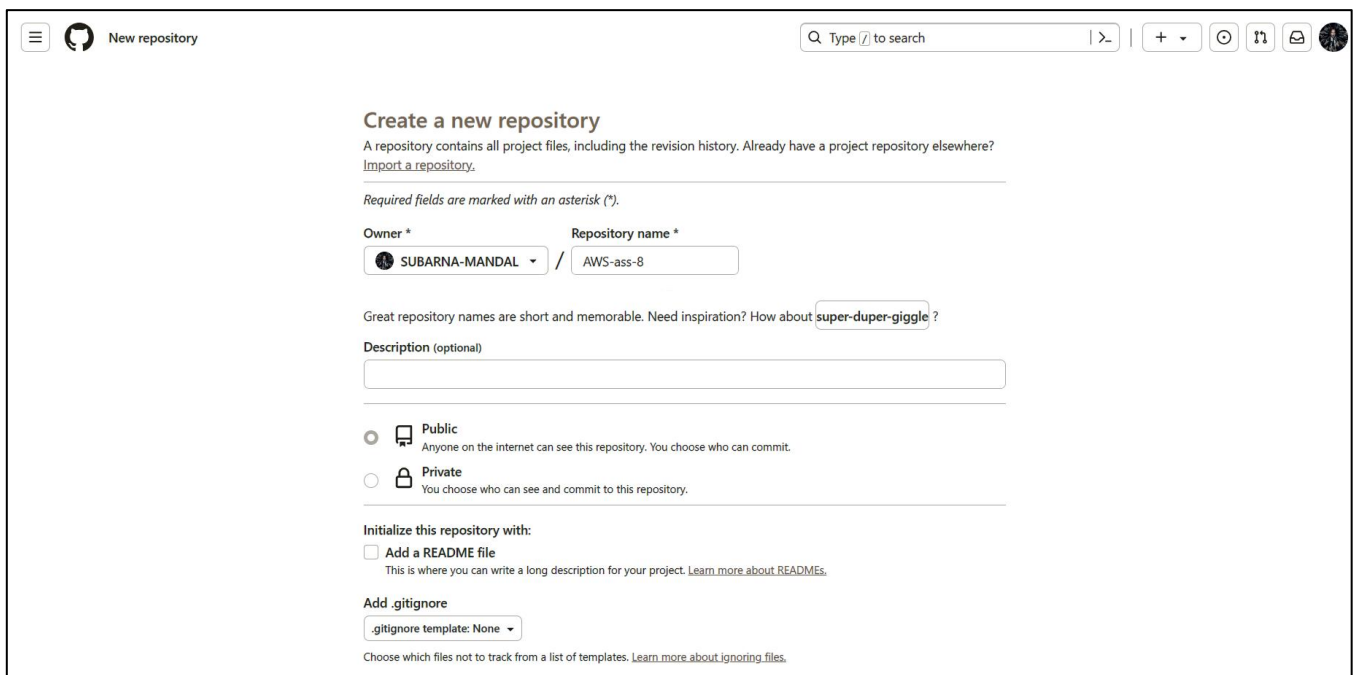
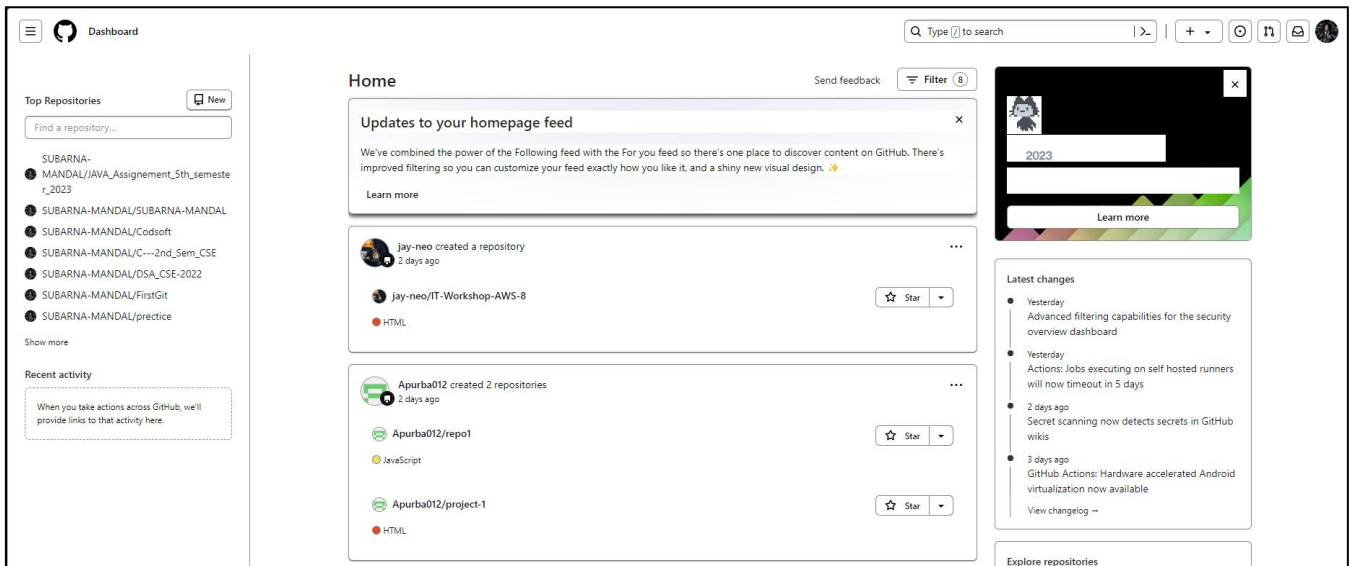


# Assignment - 8

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

## Procedure :

**Step 1 :** Login to your GitHub account and create a new repository & make it public.



## Step 2: After creating new repository, go to Settings → Developer Options → Personal Access Token → Token (Classic) → Generate new token (classic)

Give a note name about new token and check all the boxes and set Expiration: 90 days and generate token.

Subarna Mandal

Your name may appear around GitHub where you contribute or are mentioned. You can remove it at any time.

**Public email**

Select a verified email to display

You have set your email address to private. To toggle email privacy, go to [email settings](#) and uncheck "Keep my email address private."

**Bio**

B.Tech 3rd year

You can @mention other users and organizations to link to them.

**Pronouns**

Don't specify

**URL**

**ORCID ID**

ORCID provides a persistent identifier - an ORCID iD - that distinguishes you from other researchers. Learn more at [ORCID.org](#).

[Connect your ORCID ID](#)

**Social accounts**

[https://www.linkedin.com/in/subarna-mandal-bab0623a](#)

[Link to social profile](#)

[Link to social profile](#)

[Link to social profile](#)

**Company**

student

You can @mention your company's GitHub organization to link it.

**Location**

kolkata,India

[Developer settings](#)

Settings / Developer Settings

Personal access tokens (classic)

Generate new token [Revoke all](#)

Tokens you have generated that can be used to access the GitHub API

Personal access tokens (classic) function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication.

© 2024 GitHub, Inc. [Terms](#) [Privacy](#) [Security](#) [Status](#) [Docs](#) [Contact](#) [Manage cookies](#) [Do not share my personal information](#)

New personal access token (classic)

Personal access tokens (classic) function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication.

**Note**

new-token

What's this token for?

**Expiration \***

90 days The token will expire on Fri, Jul 5 2024

**Select scopes**

Scopes define the access for personal tokens. [Read more about OAuth scopes.](#)

<input checked="" type="checkbox"/> <b>repo</b>	Full control of private repositories
<input type="checkbox"/> <b>repo:status</b>	Access commit status
<input type="checkbox"/> <b>repo:deployment</b>	Access deployment status
<input type="checkbox"/> <b>public_repo</b>	Access public repositories
<input type="checkbox"/> <b>repo:invite</b>	Access repository invitations
<input type="checkbox"/> <b>security_events</b>	Read and write security events
<input checked="" type="checkbox"/> <b>workflow</b>	Update GitHub Action workflows
<input checked="" type="checkbox"/> <b>write:packages</b>	Upload packages to GitHub Package Registry
<input type="checkbox"/> <b>read:packages</b>	Download packages from GitHub Package Registry
<input checked="" type="checkbox"/> <b>delete:packages</b>	Delete packages from GitHub Package Registry
<input checked="" type="checkbox"/> <b>admin:org</b>	Full control of orgs and teams, read and write org projects
<input type="checkbox"/> <b>write:org</b>	Read and write org and team membership, read and write org projects
<input type="checkbox"/> <b>read:org</b>	Read org and team membership, read org projects
<input type="checkbox"/> <b>manage_runners:org</b>	Manage org runners and runner groups

Settings / Developer Settings

Personal access tokens (classic) [Generate new token](#) [Revoke all](#)

Tokens you have generated that can be used to access the GitHub API

Make sure to copy your personal access token now. You won't be able to see it again!

✓ ghp\_CluJL2SAkhtxjwTmPepJv11680p34z3f00ZT [Delete](#)

Personal access tokens (classic) function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication.

© 2024 GitHub, Inc. [Terms](#) [Privacy](#) [Security](#) [Status](#) [Docs](#) [Contact](#) [Manage cookies](#) [Do not share my personal information](#)

**Step 3:** Go to your local machine and make sure git is installed. Next the following commands are the required for the initialize new git repository in your local machine and upload local repository into github platform using git cli via https protocol with pre-generated token.

- git init
- git add .
- git commit -m "<your message here>"
- git remote add <remote> https://<username>:<token>@github.com/<username>/<repo>.git
- git push -u <remote> <branch>

### **From our local machine: To upload repository in GitHub :**

```
Subarna@Subarna-Ideapad MINGW64 /d/IT-lab-assign-8$ ll
total 0
```

```
Subarna@Subarna-Ideapad MINGW64 /d/IT-lab-assign-8$ cat > index.html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Home : AWS</title>
</head>
<body>
<div align="center">
<h1>Home</h1>
</div>
<p align="center">
<a href="./terms.html">Terms and Condition</a> |
<a href="./about.html">About</a>
</p>
</body>
</html>
```

```
Subarna@Subarna-Ideapad MINGW64 /d/IT-lab-assign-8$ cat > about.html
<!doctype html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<title>About : AWS</title>
</head>
<body>
<div align="center">
<h1>About</h1>
</div>
<p align="center">
<a href="./index.html">Home</a> |
<a href="./terms.html">Terms & Condition</a>
</p>
</body>
</html>
```

```
Subarna@Subarna-Ideapad MINGW64 /d/IT-lab-assign-8$ cat > terms.html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Terms and Condition : AWS</title>
</head>
<body>
<div align="center">
<h1>Term and Condition</h1>
</div>
<p align="center">
<a href="./index.html">Home</a> |
<a href="./about.html">About</a>
</p>
</body>
</html>
```

```
Subarna@Subarna-Ideapad MINGW64 /d/IT-lab-assign-8$ git config --get-regexp
'^user\.(name|email)$'
user.name SUBARNA-MANDAL
user.email subarnamandal17@gmail.com
```

```
Subarna@Subarna-Ideapad MINGW64 /d/IT-lab-assign-8 (master)$ ls
about.html  index.html  terms.html

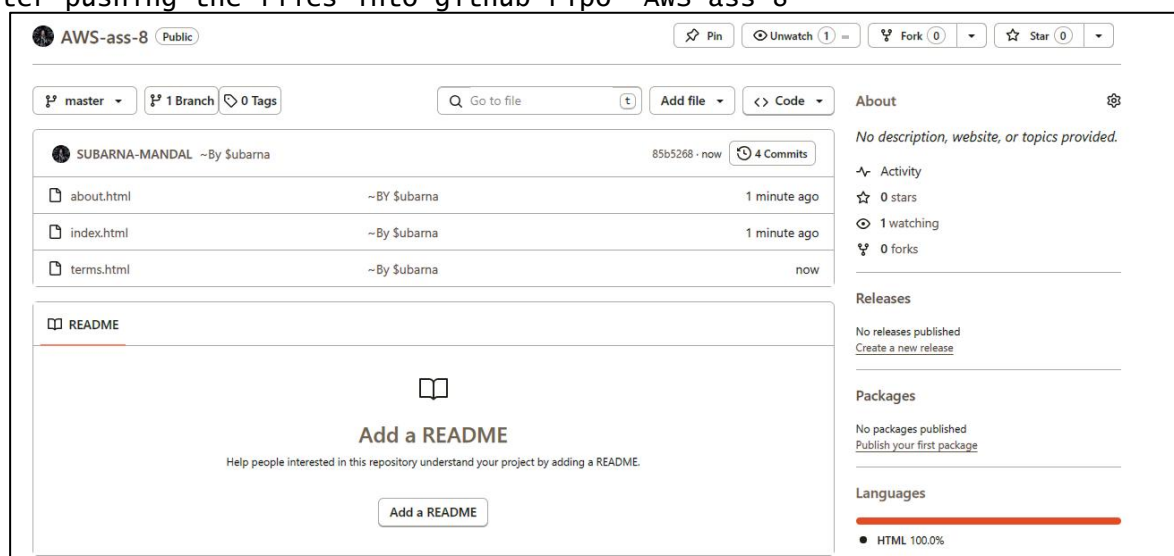
Subarna@Subarna-Ideapad MINGW64 /d/IT-lab-assign-8$ git init
Initialized empty Git repository in D:/IT-lab-assign-8/.git/

Subarna@Subarna-Ideapad MINGW64 /d/IT-lab-assign-8 (master)$ git add .
Subarna@Subarna-Ideapad MINGW64 /d/IT-lab-assign-8 (master)$ git commit -m "~By $ubarna"
[master (root-commit) 4026f8d] ~By $ubarna
 3 files changed, 45 insertions(+)
 create mode 100644 about.html
 create mode 100644 index.html
 create mode 100644 terms.html

Subarna@Subarna-Ideapad MINGW64 /d/IT-lab-assign-8 (master)$ git remote add origin
https://SUBARNA-MANDAL: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@github.com/SUBARNA-MANDAL/AWS-ass-8.git

Subarna@Subarna-Ideapad MINGW64 /d/IT-lab-assign-8 (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), 708 bytes | 708.00 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/SUBARNA-MANDAL/AWS-ass-8.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

- After pushing the files into github ripu "AWS-ass-8" --



## From our local machine: To download public repository from GitHub :

```
Subarna@Subarna-Ideapad MINGW64 /d
$ git clone https://github.com/sudip7407/Repo1.git
Cloning into 'Repo1'...
remote: Enumerating objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (9/9), done.
remote: Total 10 (delta 1), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (10/10), 49.46 KiB | 803.00 KiB/s, done.
Resolving deltas: 100% (1/1), done.
```

```
Subarna@Subarna-Ideapad MINGW64 /d
Subarna@Subarna-Ideapad MINGW64 /d$ cd Repo1
```

```
Subarna@Subarna-Ideapad MINGW64 /d/Repo1 (main)$ ll
total 183
-rw-r--r-- 1 Subarna 197609    115 Apr  6 02:40 'New Text Document.txt'
-rw-r--r-- 1 Subarna 197609    194 Apr  6 02:40 index.js
-rw-r--r-- 1 Subarna 197609 182693 Apr  6 02:40 package-lock.json
-rw-r--r-- 1 Subarna 197609    297 Apr  6 02:40 package.json
```