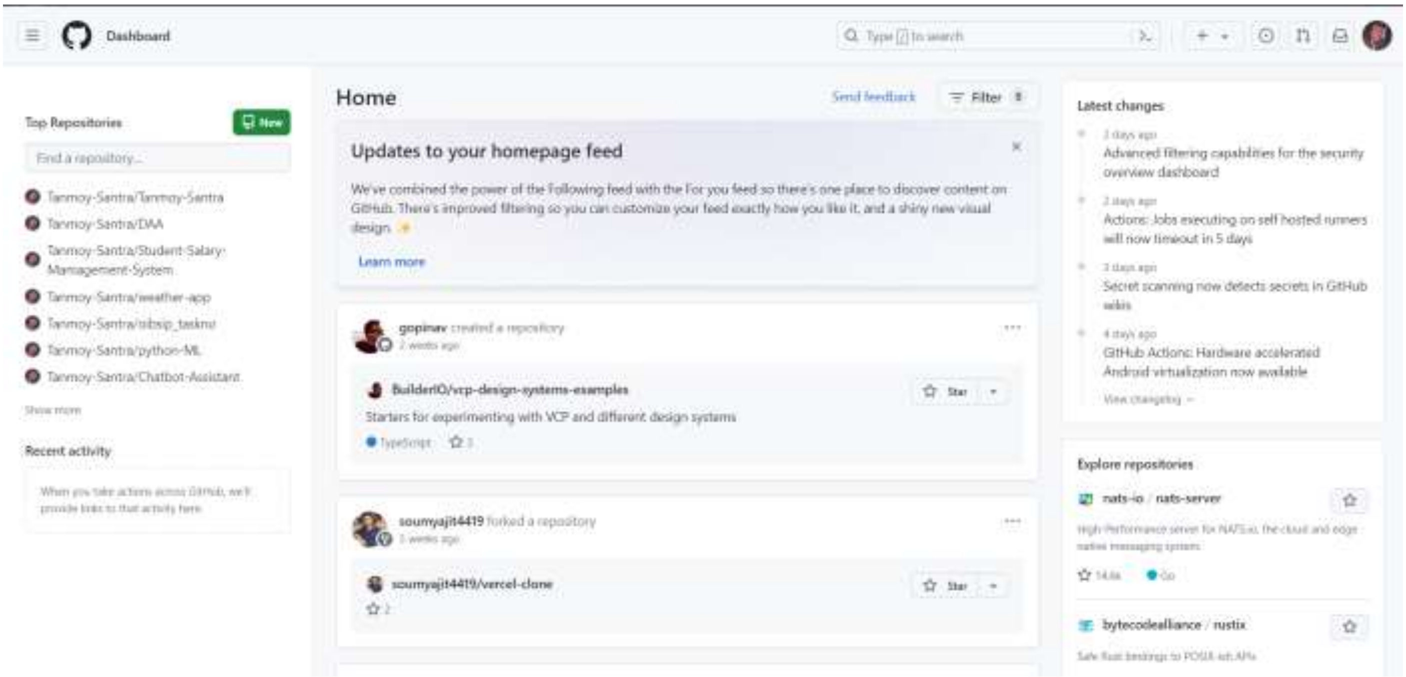
ASSIGNMENT - 8

PROBLEM STATEMENT -Deploy a project from local machine to github & vice versa.

To Deploy the Project on github

STEP 1- Create a GitHub account

STEP 2- Click on "New".



Tanmoy-Santra/Tanmoy-Santra
Tanmoy-Santra/DAA
Tanmoy-Santra/Student-Salary-Management-System
Tanmoy-Santra/weather-app
Tanmoy-Santra/sibsip_taskno
Tanmoy-Santra/python-ML
Tanmoy-Santra/Chatbot-Assistant
Show more

Recent activity

When you take actions across GitHub, we'll provide links to that activity here.

Updates to your homepage feed

We've combined the power of the Following feed with the For you feed so there's one place to discover content on GitHub. There's improved filtering so you can customize your feed exactly how you like it, and a shiny new visual design. ✨

Learn more

gopinav created a repository
2 weeks ago

BuilderIO/vcp-design-systems-examples
Starters for experimenting with VCP and different design systems
TypeScript ☆ 3

soumyajit4419 forked a repository
3 weeks ago

soumyajit4419/vercel-clone
☆ 2

3 days ago
Advanced filtering capabilities for the security overview dashboard

2 days ago
Actions: Jobs executing on self hosted runners will now timeout in 5 days

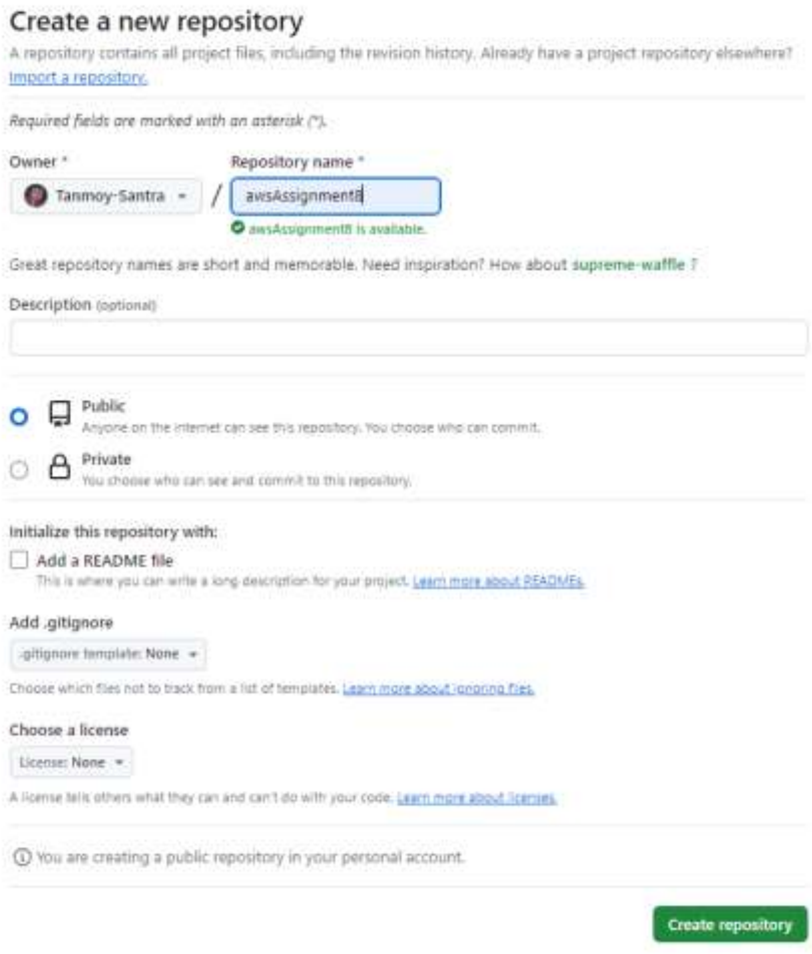
3 days ago
Secret scanning now detects secrets in GitHub wikis

4 days ago
GitHub Actions: Hardware accelerated Android virtualization now available

nats-io / nats-server
High-Performance server for NATS.io, the cloud and edge native messaging system.
☆ 14.6k Go

bytecodealliance / rustix
Safe Rust bindings to POSIX-ish APIs

STEP 3- Give a Name & make it public. Then click on Create Repository.



Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository.

Required fields are marked with an asterisk (*).

Owner * Tanmoy-Santra / Repository name * awsAssignment8

awsAssignment8 is available.

Great repository names are short and memorable. Need inspiration? How about supreme-waffle ?

Description (optional)

● Public
Anyone on the internet can see this repository. You choose who can commit.

○ Private
You choose who can see and commit to this repository.

Initialize this repository with:

□ Add a README file
This is where you can write a long description for your project. Learn more about READMEs.

Add .gitignore

.gitignore template: None

Choose which files not to track from a list of templates. Learn more about ignoring files.

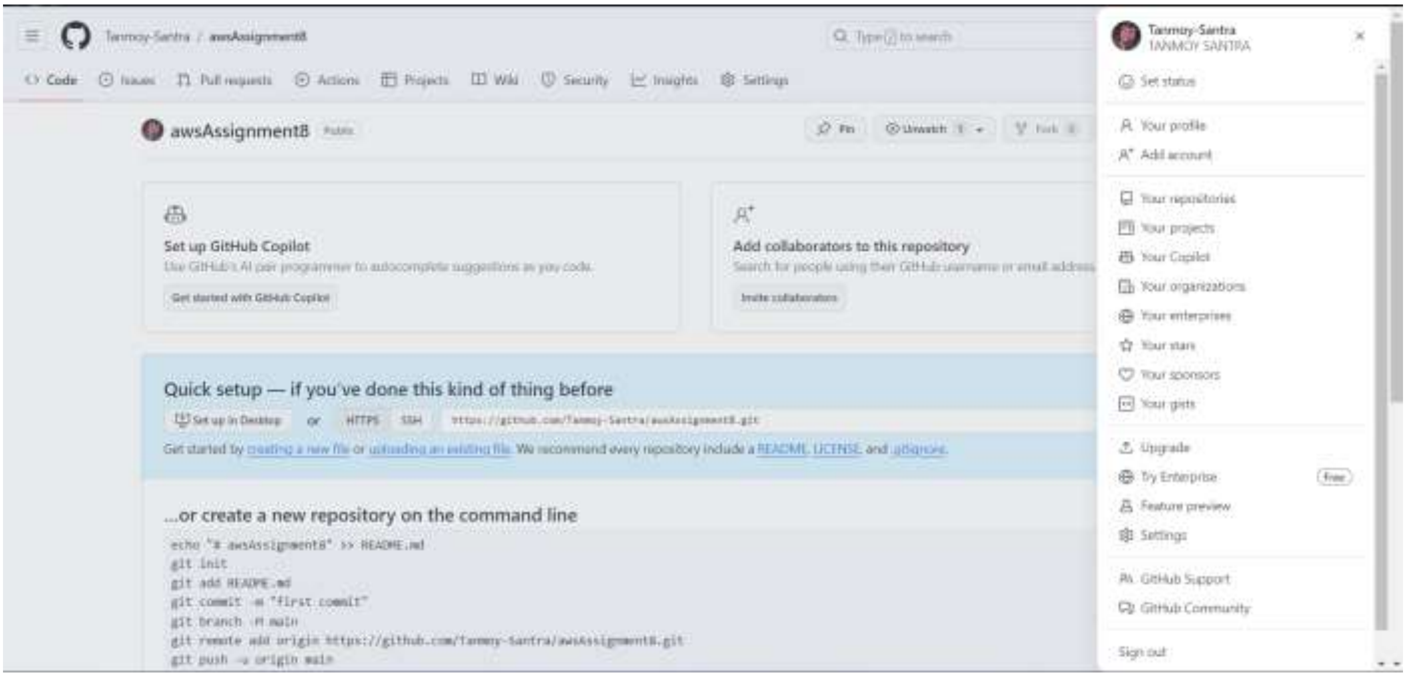
Choose a license

License: None

A license tells others what they can and can't do with your code. Learn more about licenses.

ⓘ You are creating a public repository in your personal account.

STEP 4- Click on the Profile button, select Settings.



Set up GitHub Copilot

Use GitHub's AI pair programmer to autocomplete suggestions as you code.

Add collaborators to this repository

Search for people using their GitHub username or email address.

Quick setup — if you've done this kind of thing before

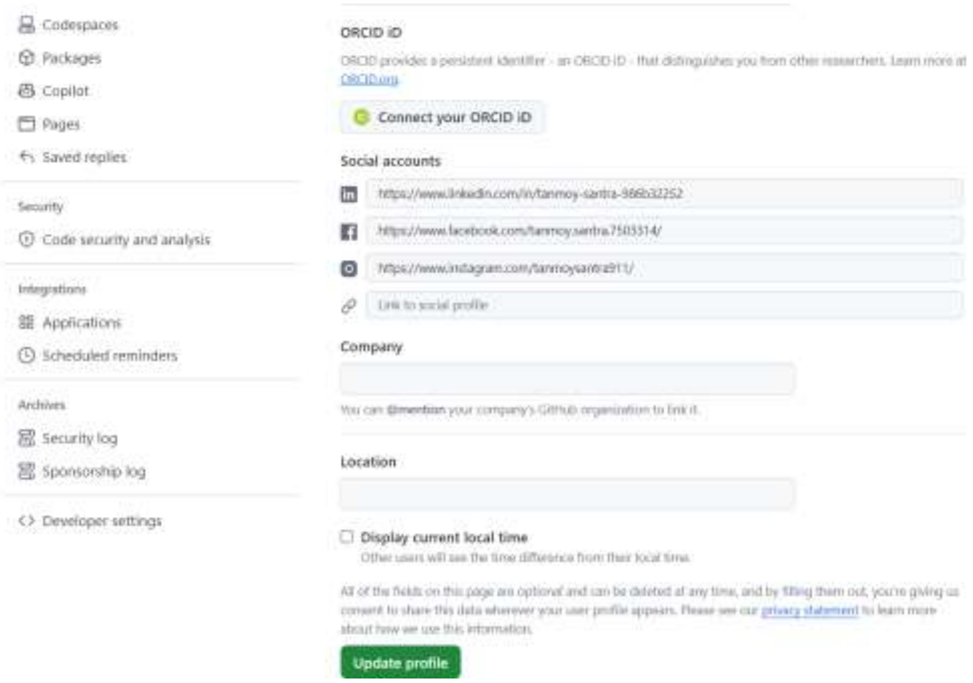
https://github.com/Tanmoy-Santra/awsAssignment8.git

Get started by creating a new file or uploading an existing file. We recommend every repository include a README, LICENSE, and .gitignore.

...or create a new repository on the command line

```
echo "# awsAssignment8" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/Tanmoy-Santra/awsAssignment8.git
git push -u origin main
```

STEP 5- Select Developers Settings.



ORCID iD

ORCID provides a persistent identifier - an ORCID iD - that distinguishes you from other researchers. Learn more at ORCID.org.

Social accounts

https://www.linkedin.com/in/tanmoy-santra-986b32252

https://www.facebook.com/tanmoy.santra.7503514/

https://www.instagram.com/tanmoysantra911/

Link to social profile

Company

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

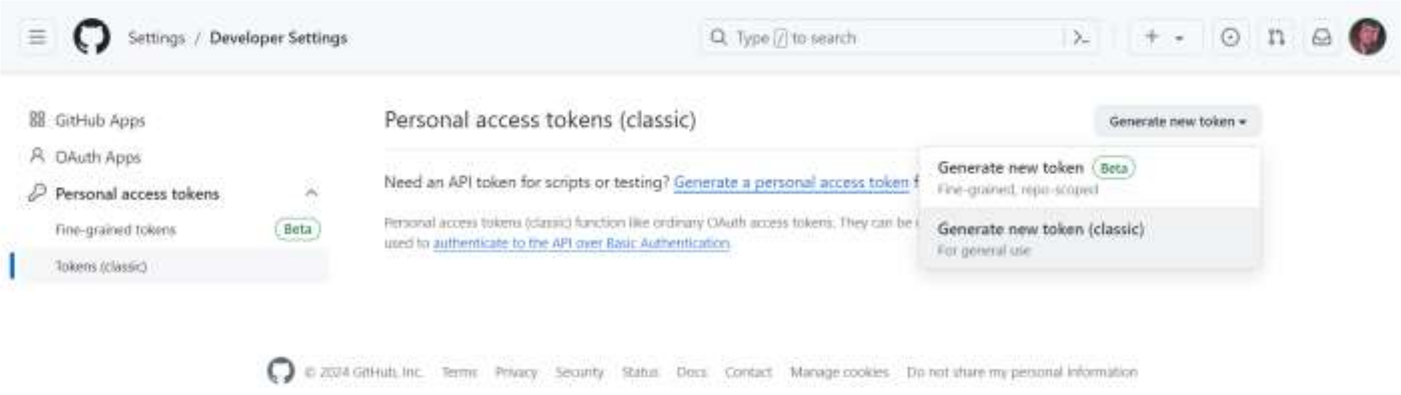
Location

☐ Display current local time

Other users will see the time difference from their local time.

All of the fields on this page are optional and can be deleted at any time, and by filling them out, you're giving us consent to share this data wherever your user profile appears. Please see our privacy statement to learn more about how we use this information.

STEP 6- Select Tokens. Then select Generate New Token (Classic) option.



Personal access tokens (classic)

Need an API token for scripts or testing? Generate a personal access token f

Personal access tokens (classic) function like ordinary OAuth access tokens. They can be used to authenticate to the API over Basic Authentication.

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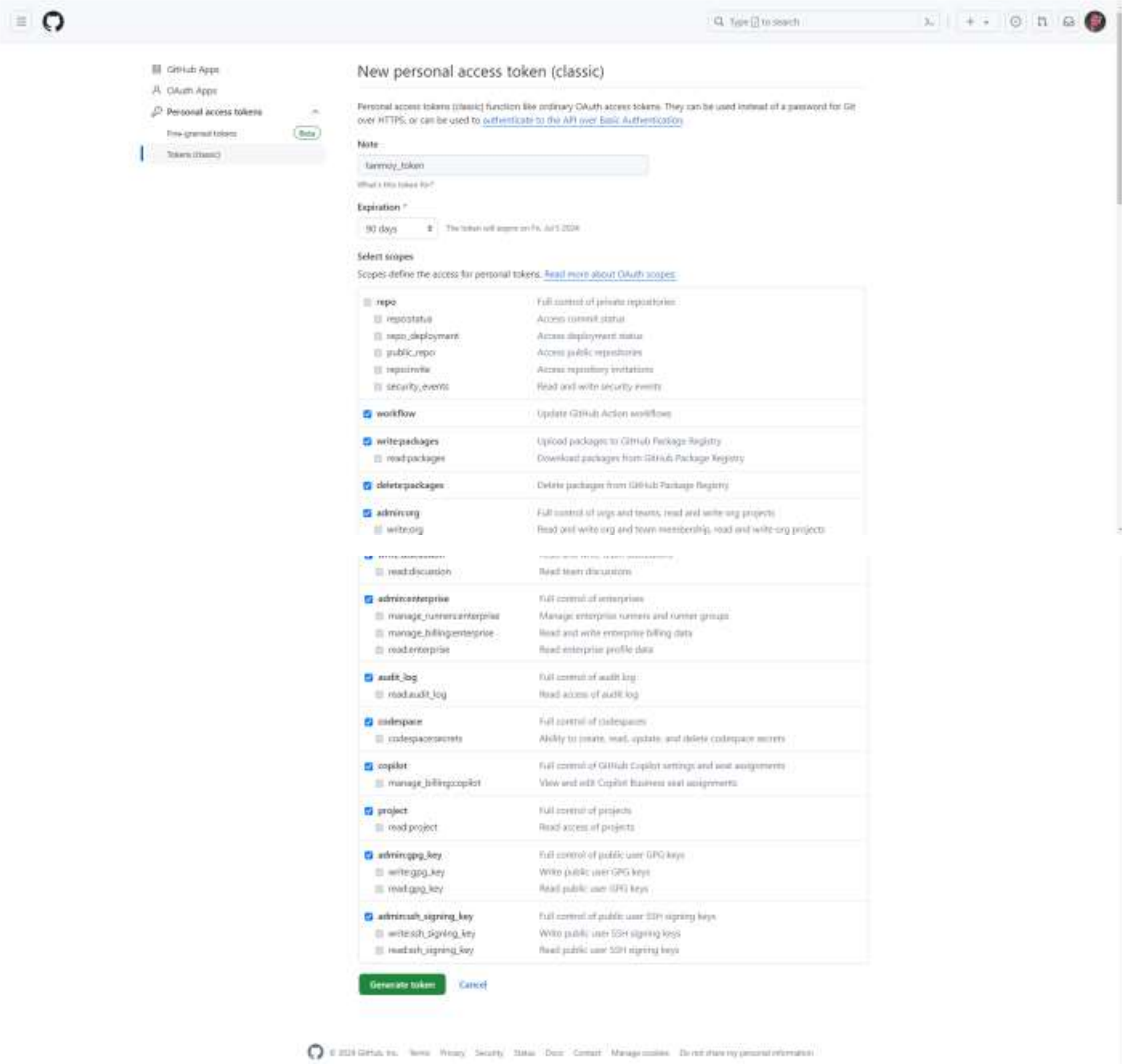
STEP 7- Write token name and set the Expiration to 90 days. Then click all the check boxes. Then click Generate Token.



GitHub Apps
OAuth Apps
Personal access tokens
Fine-grained tokens Beta
Tokens (classic)

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
tanmoy_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.

□ repo	Full control of private repositories
□ repo:status	Access commit status
□ repo_deployment	Access deployment status
□ public_repo	Access public repositories
□ repo:invite	Access repository invitations
□ security_events	Read and write security events
☑ workflow	Update GitHub Action workflows
☑ write:packages	Upload packages to GitHub Package Registry
□ read:packages	Download packages from GitHub Package Registry
☑ delete:packages	Delete packages from GitHub Package Registry
☑ admin:org	Full control of orgs and teams, read and write org projects
□ write:org	Read and write org and team membership, read and write org projects
☑ write:discussion	Read and write team discussions
□ read:discussion	Read team discussions
☑ admin:enterprise	Full control of enterprises
□ manage_runners:enterprise	Manage enterprise runners and runner groups
□ manage_billing:enterprise	Read and write enterprise billing data
□ read:enterprise	Read enterprise profile data
☑ audit_log	Full control of audit log
□ read:audit_log	Read access of audit log
☑ codespace	Full control of codespaces
□ codespace:secrets	Ability to create, read, update, and delete codespace secrets
☑ copilot	Full control of GitHub Copilot settings and seat assignments
□ manage_billing:copilot	View and edit Copilot Business seat assignments
☑ project	Full control of projects
□ read:project	Read access of projects
☑ admin:gpg_key	Full control of public user GPG keys
□ write:gpg_key	Write public user GPG keys
□ read:gpg_key	Read public user GPG keys
☑ admin:ssh_signing_key	Full control of public user SSH signing keys
□ write:ssh_signing_key	Write public user SSH signing keys
□ read:ssh_signing_key	Read public user SSH signing keys

Generate token
Cancel
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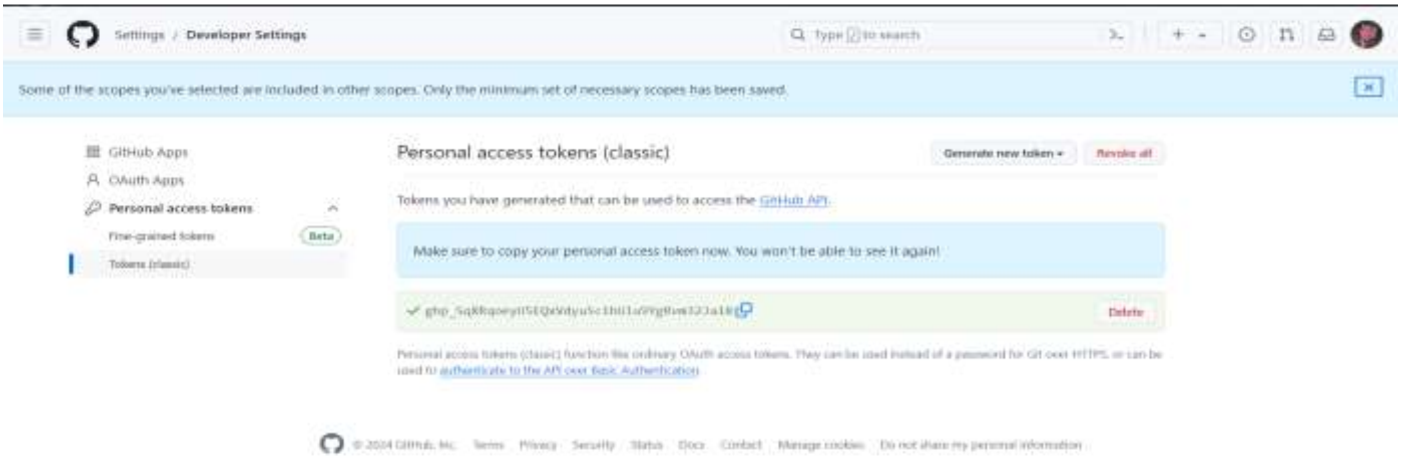
STEP 8- Token is created.



Some of the scopes you've selected are included in other scopes. Only the minimum set of necessary scopes has been saved.

GitHub Apps
OAuth Apps
Personal access tokens
Fine-grained tokens Beta
Tokens (classic)

Personal access tokens (classic)

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_[illegible]

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.

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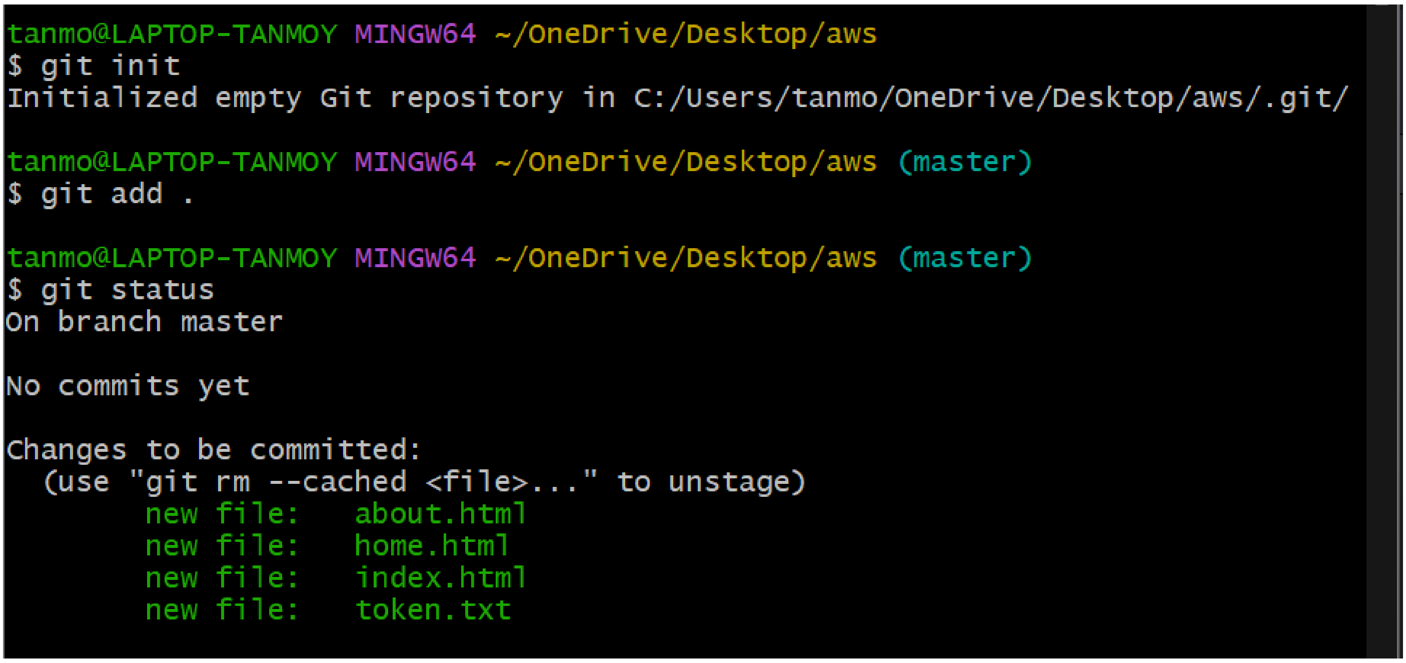
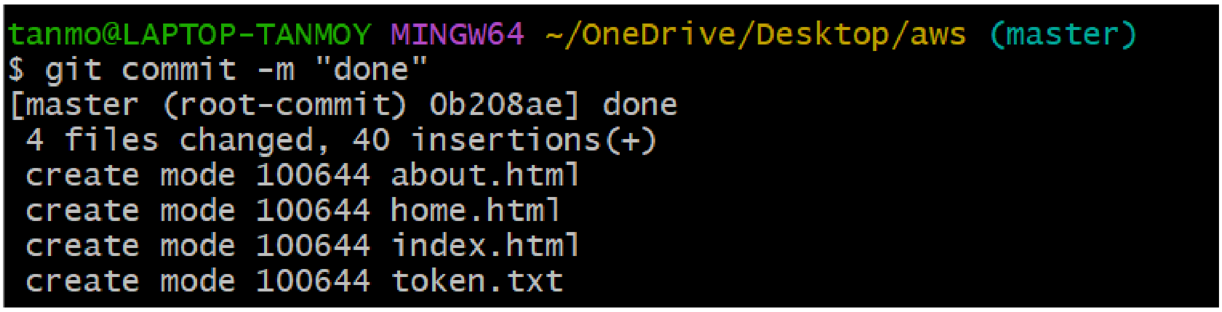
STEP 9- Right click on the folder and go to “show more options” then select “Git Bash Here”.

STEP 10- Type the following codes:

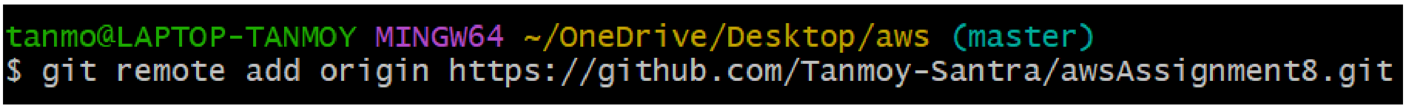


```
tanmo@LAPTOP-TANMOY MINGW64 ~/OneDrive/Desktop/aws
$ git init
Initialized empty Git repository in C:/Users/tanmo/OneDrive/Desktop/aws/.git/

tanmo@LAPTOP-TANMOY MINGW64 ~/OneDrive/Desktop/aws (master)
$ git add .

tanmo@LAPTOP-TANMOY MINGW64 ~/OneDrive/Desktop/aws (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:   home.html
        new file:   index.html
        new file:   token.txt
```

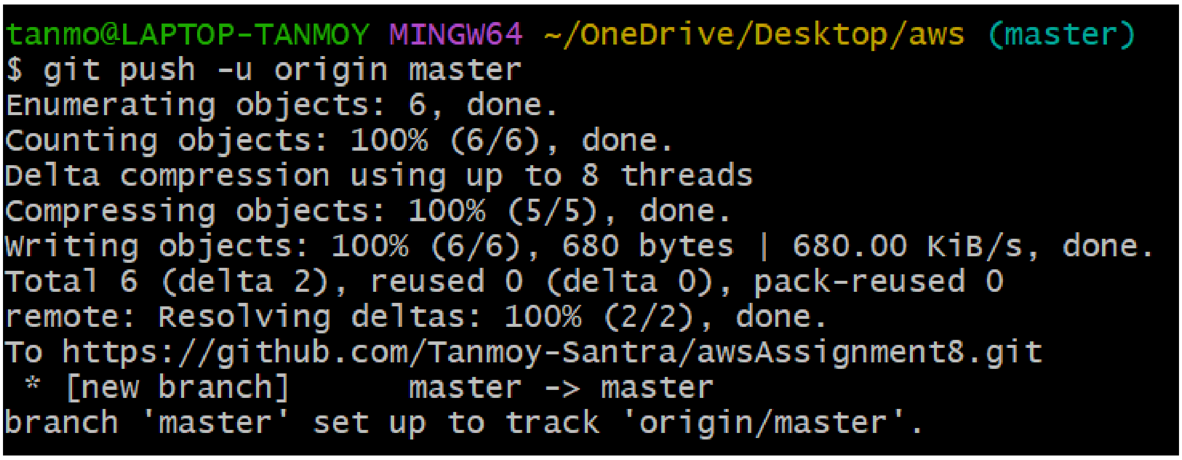


```
tanmo@LAPTOP-TANMOY MINGW64 ~/OneDrive/Desktop/aws (master)
$ git commit -m "done"
[master (root-commit) 0b208ae] done
 4 files changed, 40 insertions(+)
 create mode 100644 about.html
 create mode 100644 home.html
 create mode 100644 index.html
 create mode 100644 token.txt
```

Copy the github repository link and paste it in git-bash



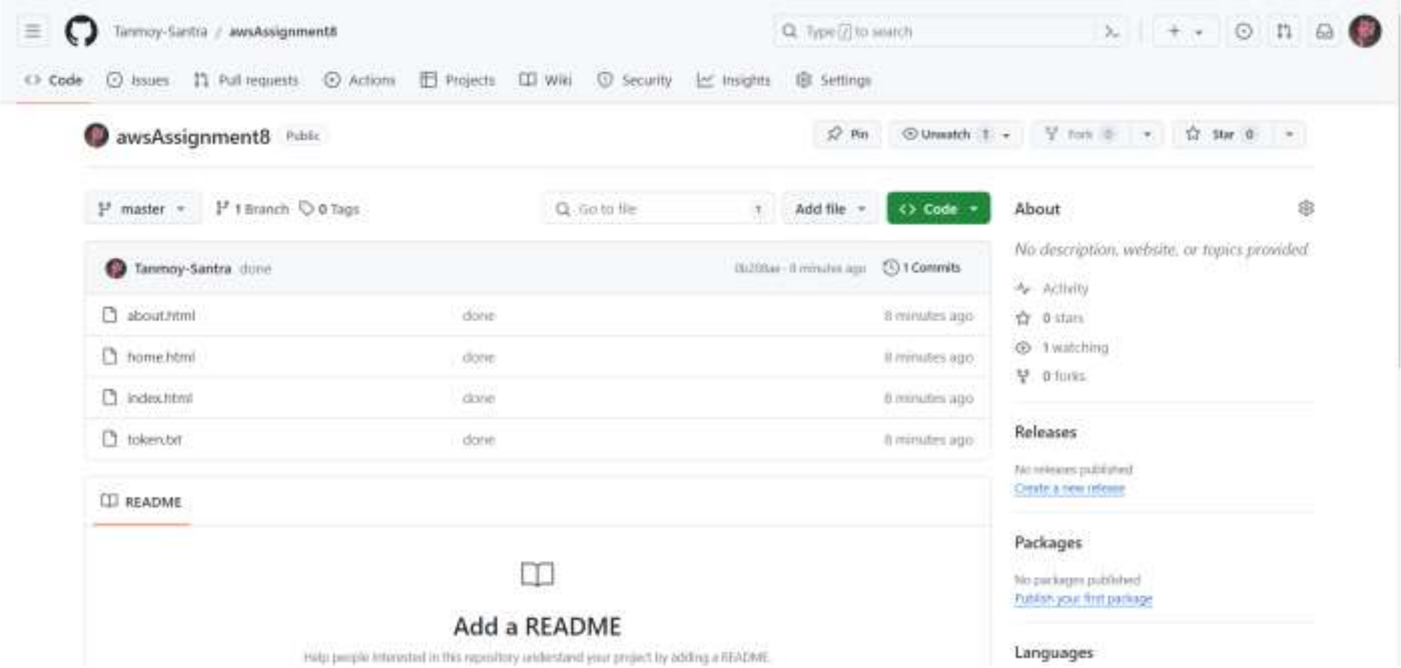
```
tanmo@LAPTOP-TANMOY MINGW64 ~/OneDrive/Desktop/aws (master)
$ git remote add origin https://github.com/Tanmoy-Santra/awsAssignment8.git
```



```
tanmo@LAPTOP-TANMOY MINGW64 ~/OneDrive/Desktop/aws (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), 680 bytes | 680.00 KiB/s, done.
Total 6 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/Tanmoy-Santra/awsAssignment8.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

STEP 11- After that window appears, enter the token there.

STEP 12- Now check the GitHub repository. All the files will be uploaded there.

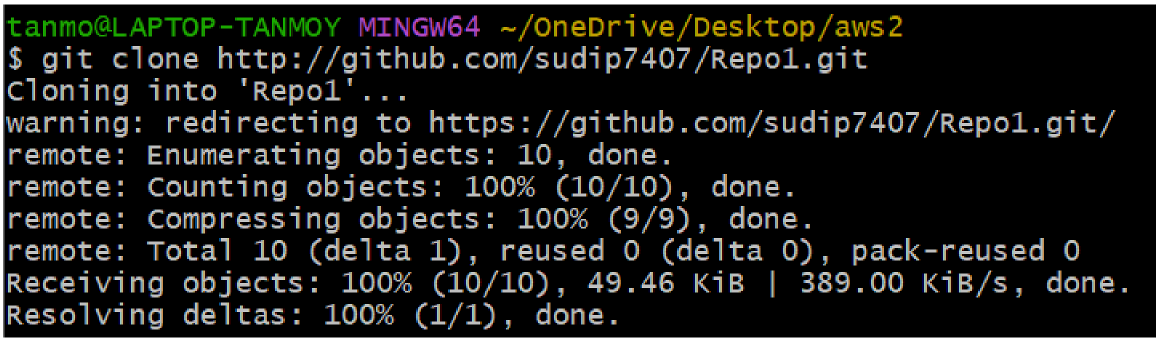


Tanmoy-Santra done		1 Commits
about.html	done	8 minutes ago
home.html	done	8 minutes ago
index.html	done	8 minutes ago
token.txt	done	8 minutes ago

To Download the Project from github

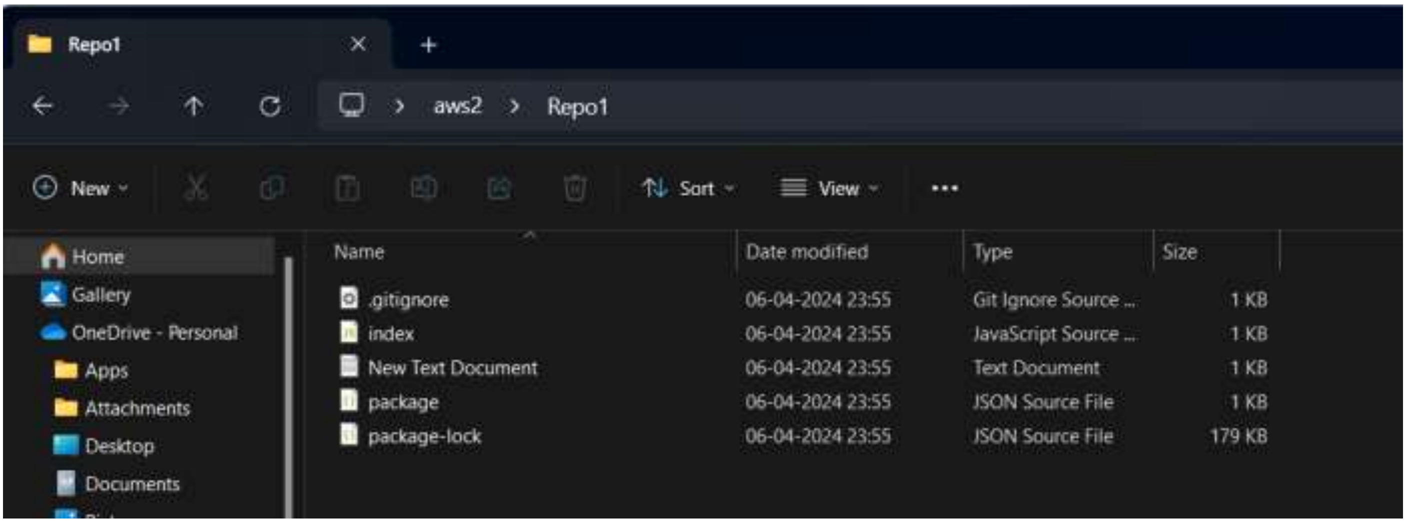
STEP 1- Right click and go to show more options then select “Git Bash Here”.

STEP 2- In the git-bash terminal type



```
tanmo@LAPTOP-TANMOY MINGW64 ~/OneDrive/Desktop/aws2
$ git clone http://github.com/sudip7407/Repo1.git
Cloning into 'Repo1'...
warning: redirecting to https://github.com/sudip7407/Repo1.git/
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 | 389.00 KiB/s, done.
Resolving deltas: 100% (1/1), done.
```

STEP 3- Open the folder and check.



Name	Date modified	Type	Size
.gitignore	06-04-2024 23:55	Git Ignore Source ...	1 KB
index	06-04-2024 23:55	JavaScript Source ...	1 KB
New Text Document	06-04-2024 23:55	Text Document	1 KB
package	06-04-2024 23:55	JSON Source File	1 KB
package-lock	06-04-2024 23:55	JSON Source File	179 KB