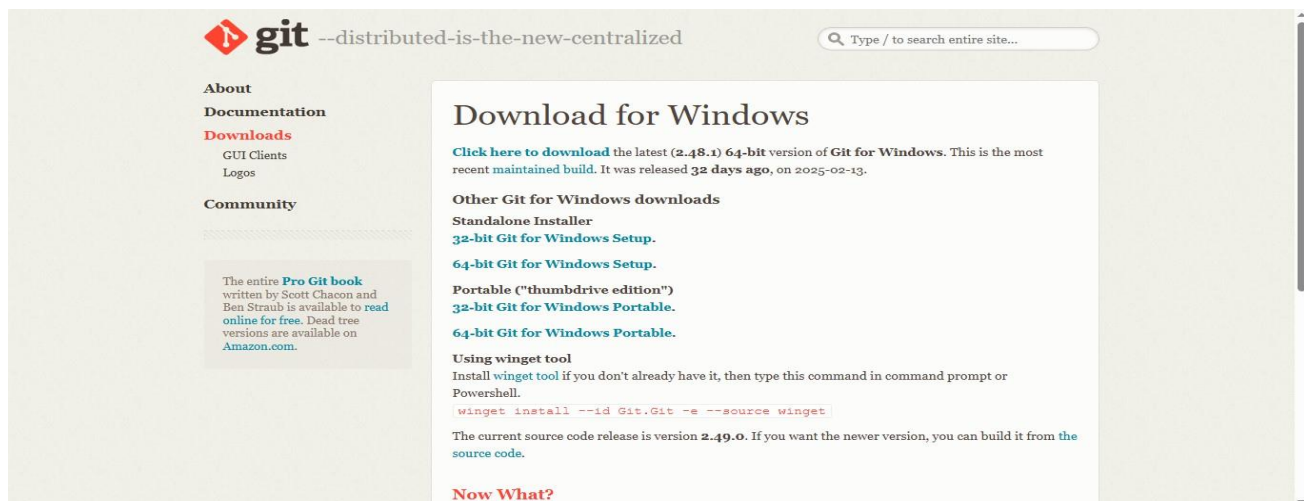


Assignment No: 08

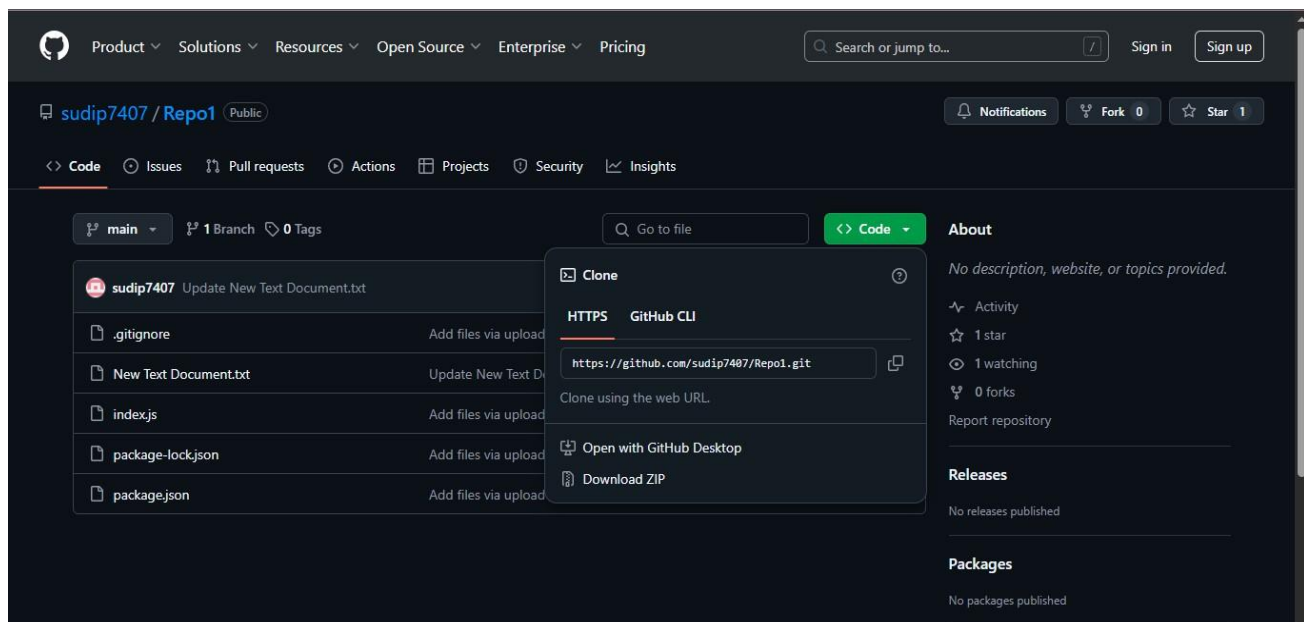
Deploy a project from a local machine to GitHub and vice versa.

Solution:

First You have to go to the official website for git and from there you have to download the git bash for your operating system (Windows/Mac/Linux).



After that, you have to find the repository from where you want to download all the files using git bash and copy the link of that repository.



Then create a folder in which the files will be there, and then by entering the folder, open git bash and type the command "git clone <link of that repository>" to download the files in that folder.

```
MINGW64:/e/OneDrive/Desktop/AWS
DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS
$ git clone https://github.com/sudip7407/Repo2.git
Cloning into 'Repo2'...
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (5/5), 48.62 KiB | 541.00 KiB/s, done.
DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS
$ git clone https://github.com/sudip7407/Repo2.git^C
```

Now login to your own GitHub account and create a new repository.

github.com/new

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 *

Repository name *

abhi30005

/ AWS

Great repository names are short and memorable. Need inspiration? How about [miniature-adventure](#) ?

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.

Create repository

Then from account “settings”, go to “developer settings.

Codespaces

Packages

Copilot

Pages

Saved replies

Security

Code security

Integrations

Applications

Scheduled reminders

Archives

Security log

Sponsorship log

Developer settings

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

Link to social profile 1

Link to social profile 2

Link to social profile 3

Link to social profile 4

Company

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

Location

Kolkata

☐ 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.

Update profile

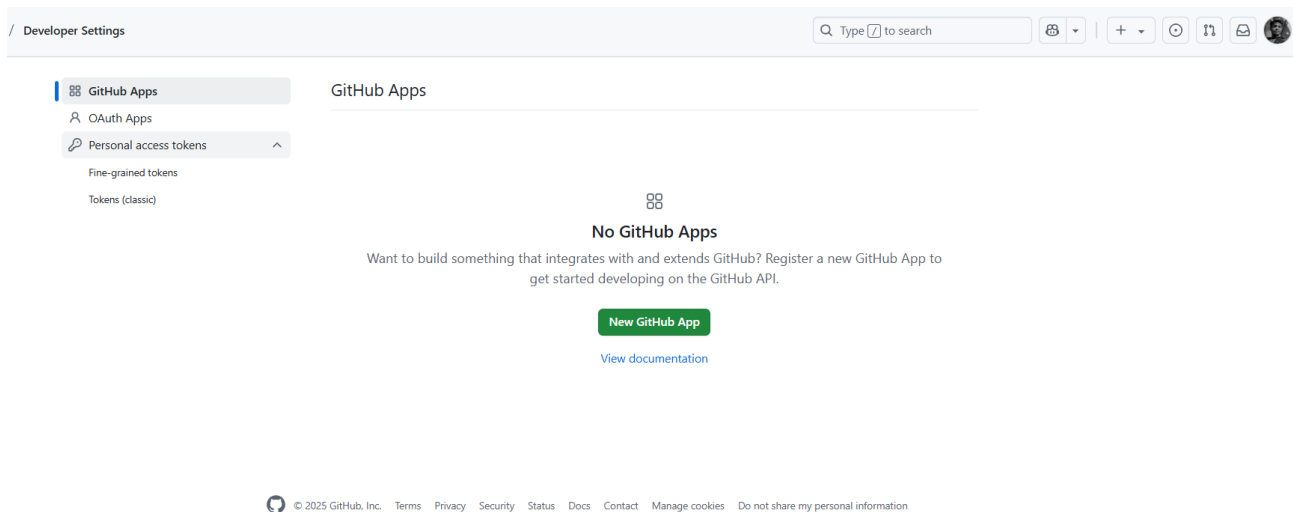
Contributions & activity

☐ Make profile private and hide activity

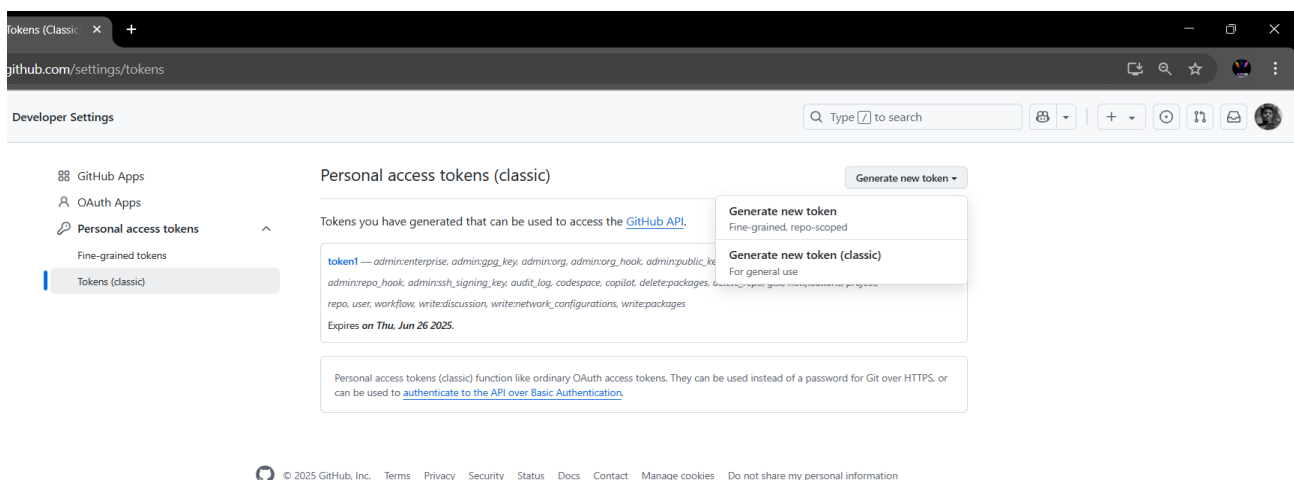
Enabling this will hide your contributions and activity from your GitHub profile and from social features like followers, stars, feeds, leaderboards and releases.

☐ Include private contributions on my profile

From developer settings window, go to “personal access tokens” and click on “Tokens (classis)”.



Then on the top right from the option “Generate new token”, click on “Generate new token (classis)” option.



In the next screen, give a name for your token and check all master checkboxes present in there, and click on “Generate token”.

Then a token will be generated, which you need to preserve for further references.

Token: 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

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

Regenerate personal access token (classic)

Submitting this form will generate a new token. Be aware that any scripts or applications using this token will need to be updated.

Expiration
90 days (Jul 03, 2025) ▼
The token will expire on the selected date

Regenerate token Cancel

© 2025 GitHub, Inc. Terms Privacy Security Status Docs Contact Manage cookies Do not share my personal information

After these steps, go to the folder where you have downloaded the files and open git bash from there.

Then execute the following commands as mentioned:

- ❖ `git init` → to initialize the empty git repository.
- ❖ `git config` → global user.name & `git config --global user.Email` → to set the username and email id for GitHub account.
- ❖ `git config --global --list` → to see the username and email id of the account.
- ❖ `git add.` → to add all the files (changed or unchanged) into the subdirectory to be uploaded.
- ❖ `git status` → to view the list of all the files to be uploaded.
- ❖ `git commit -m done` → to set the files for final commit
- ❖ `git push origin master` → to finally upload all the files into the blank repository (using the token copied earlier).

```

MINGW64/e/OneDrive/Desktop/AWS/Repo2
DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2
$ git config --global --list
user.name=abhi30005
user.email=bhunjaabhijit721644@gmail.com

DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2
$ git init
Initialized empty Git repository in E:/OneDrive/Desktop/AWS/Repo2/.git/

DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2 (master)
$ git add .

DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2 (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   index.js
        new file:   package-lock.json
        new file:   package.json

DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2 (master)
$ git commit -m "done"
[master (root-commit) 81eca03] done
3 files changed, 4561 insertions(+)
 create mode 100644 index.js
 create mode 100644 package-lock.json
 create mode 100644 package.json

DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2 (master)
$ git remote add origin https://github.com/abhi30005/AWS.git

DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2 (master)
$ git push -u origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 47.89 KiB | 4.35 MiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/abhi30005/AWS.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

DELL@Abhijit MINGW64 /e/OneDrive/Desktop/AWS/Repo2 (master)
$ |

```

After all these steps just check manually whether the files are uploaded or not in the required directory.

The screenshot shows a GitHub repository page for a repository named 'AWS' owned by the user 'abhi30005'. The repository is public and has 1 commit (81eca03) from last week. The commit message is 'done'. The files listed in the commit are 'index.js', 'package-lock.json', and 'package.json', all marked as 'done'. The repository has 0 stars, 1 watching, and 0 forks. The 'About' section is empty. The 'Releases' section shows 'No releases published' with a link to 'Create a new release'. The 'Packages' section shows 'No packages published' with a link to 'Publish your first package'. The 'Languages' section shows 'JavaScript 100.0%'. The 'Suggested workflows' section is empty. The repository has a 'README' file, but the content is not visible in the screenshot.