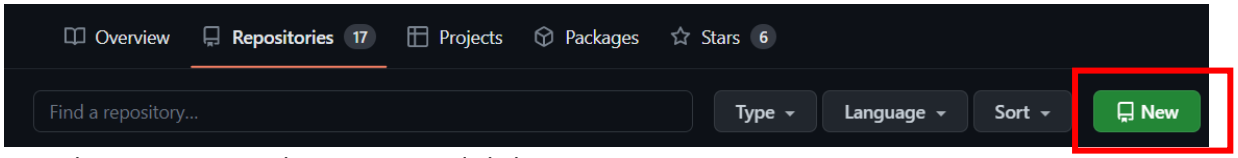
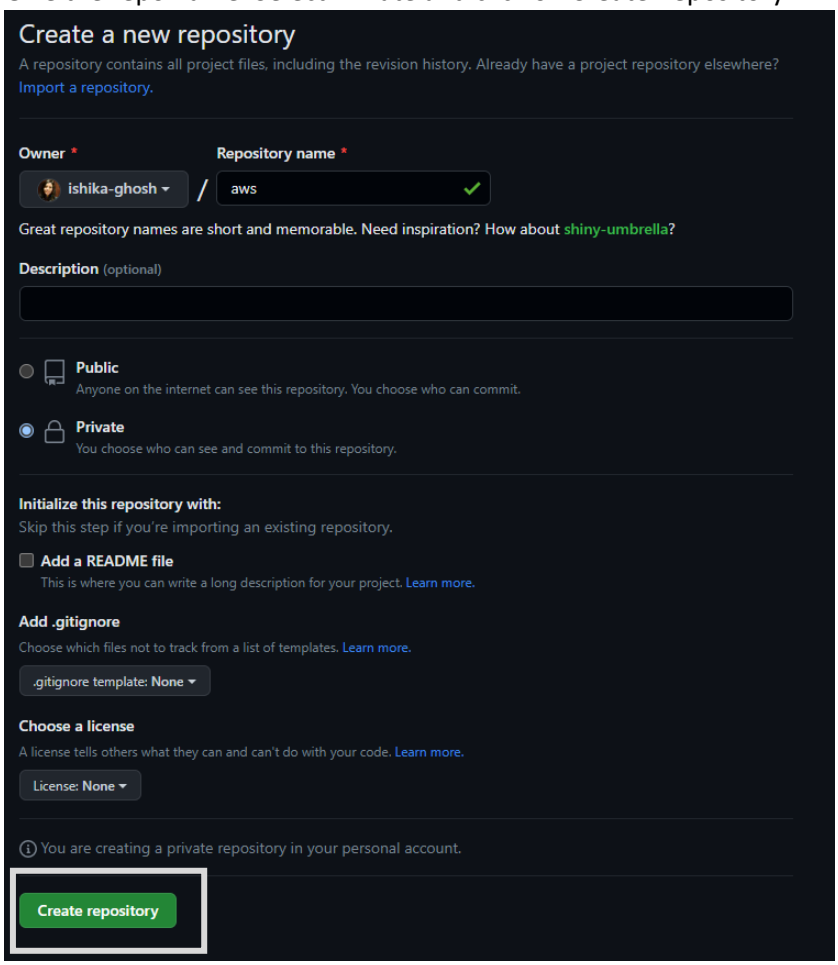
Assignment 8: Deploy a project from the local machine to GitHub and vice versa.

Create new repository

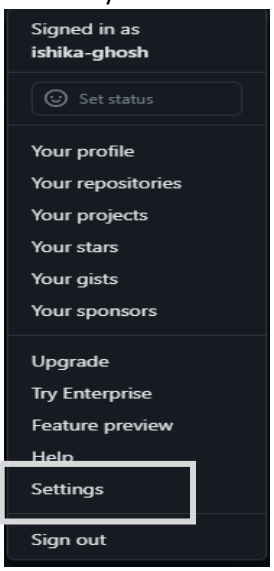
1. Go to your Github Account. Go to your Repositories. Click New.



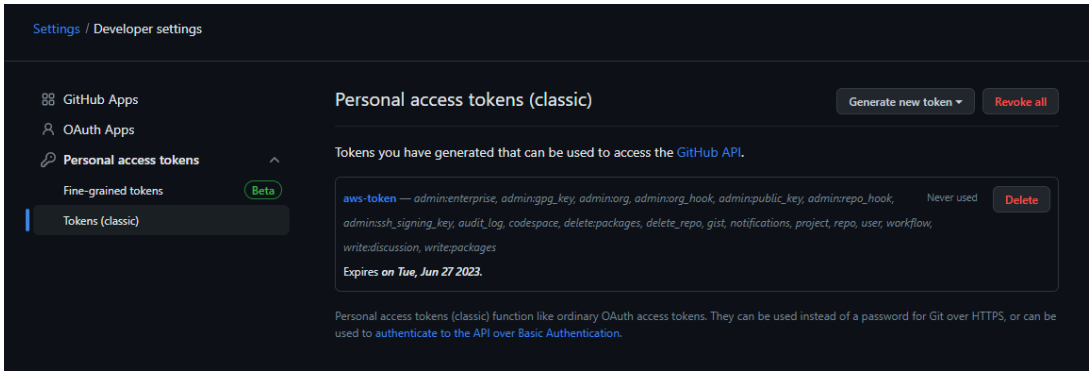
2. Give the repo name. Select Private and click on Create Repository.



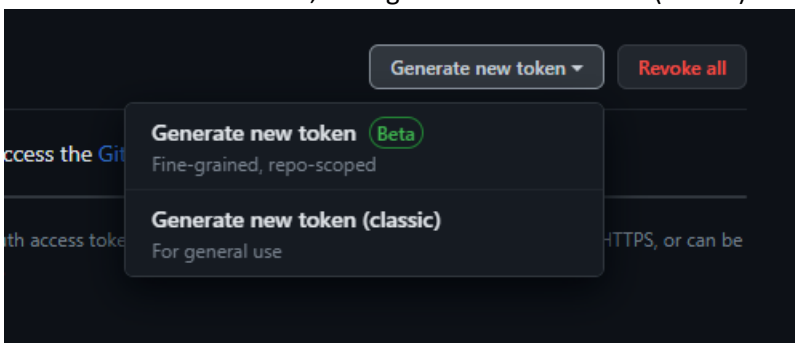
3. Click on your account at the top right, go to Settings then go to Developer settings.



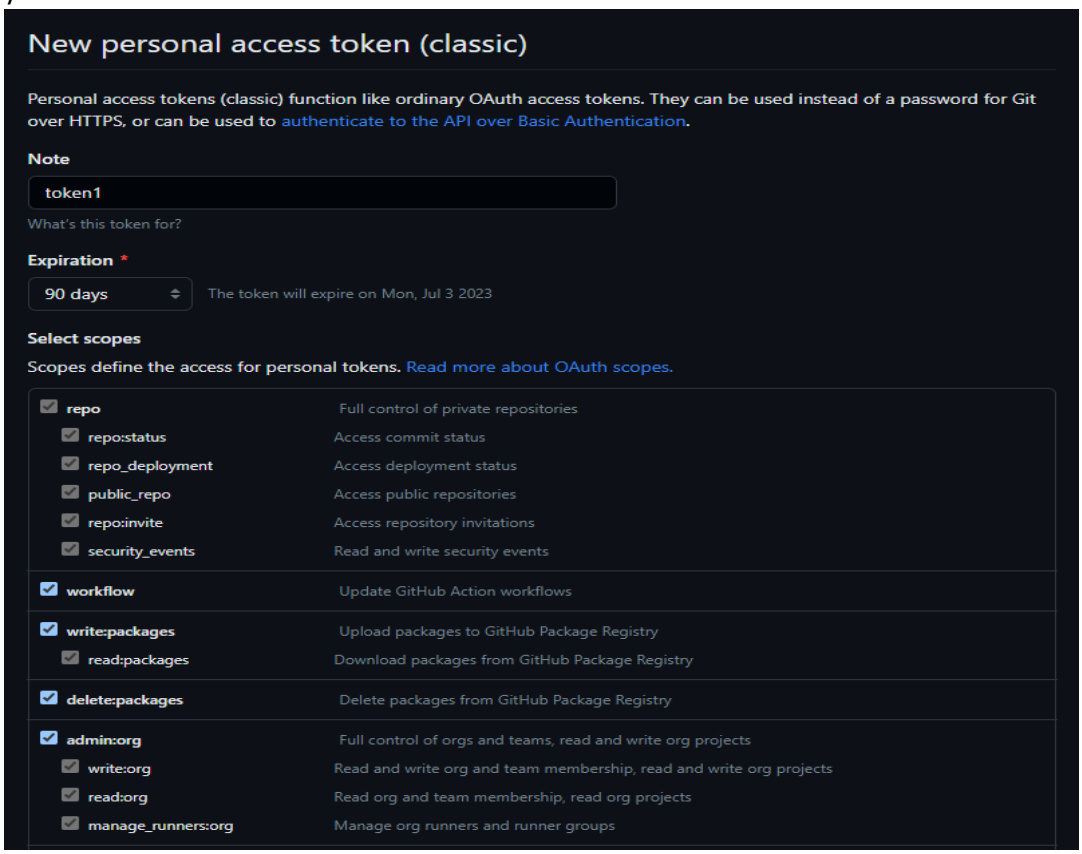
4. Select the drop-down menu of Personal access tokens and click Tokens (classic).

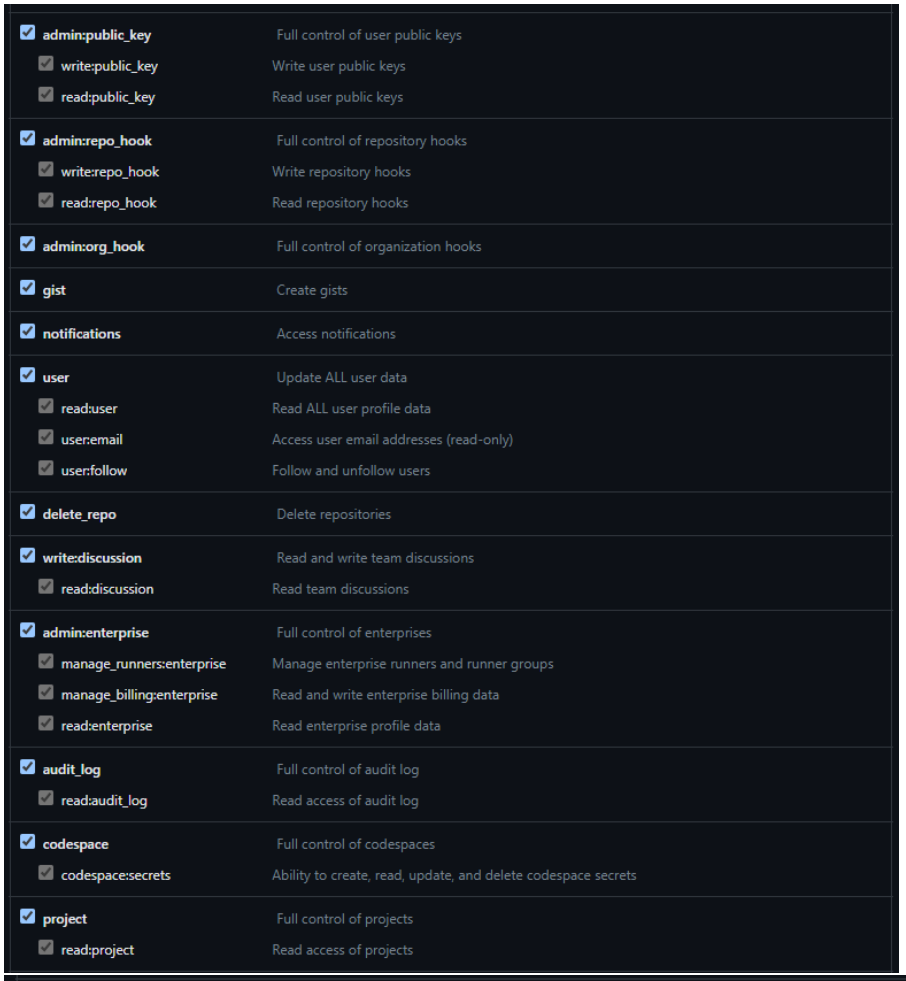


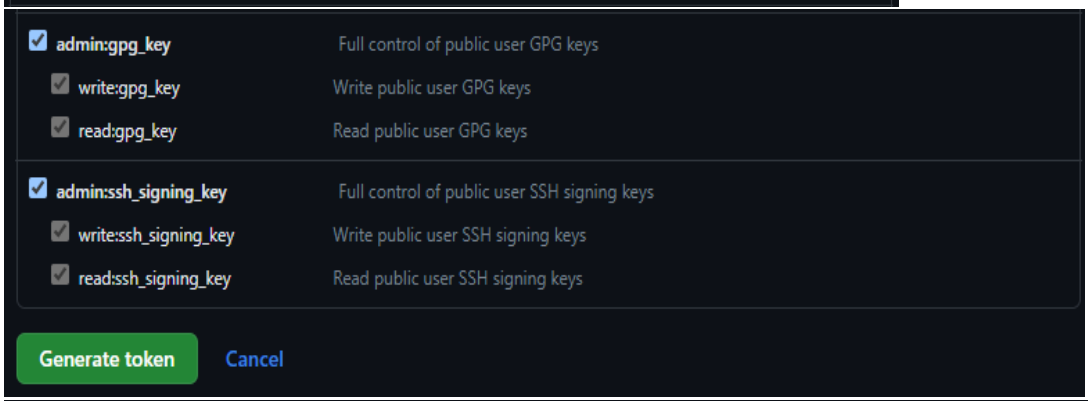
5. Click Generate new token, then generate a new token (classic).

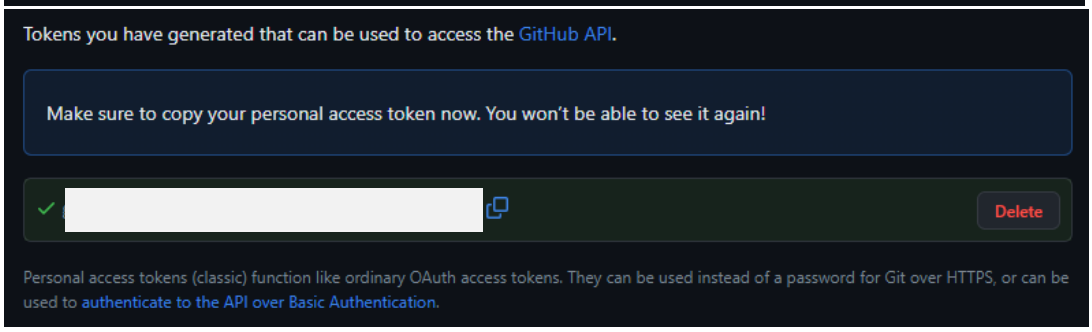


6. Give the token name, set expiration days as 90, and select all the checkboxes. Click Generate token. Save your token.

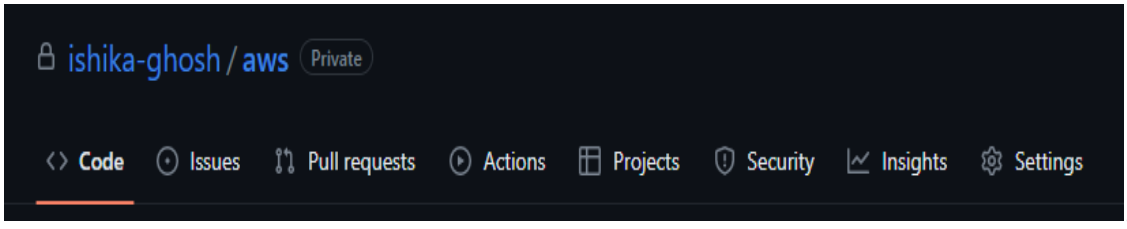


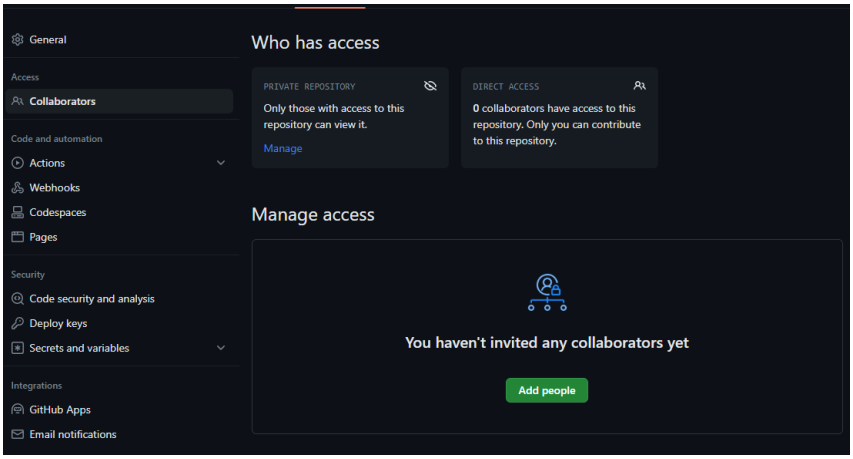


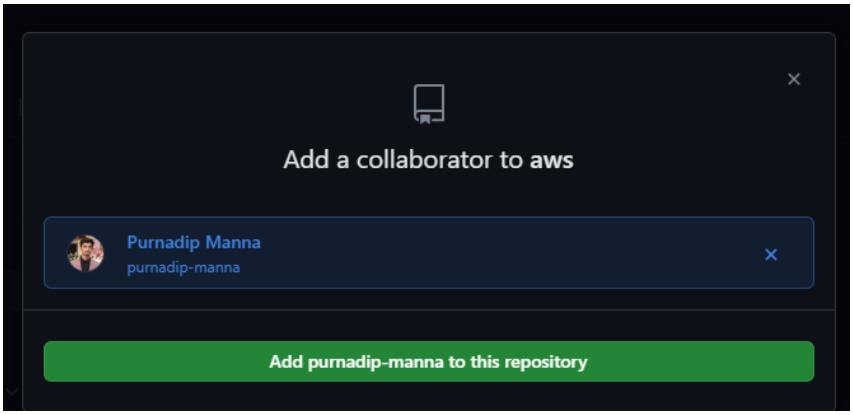


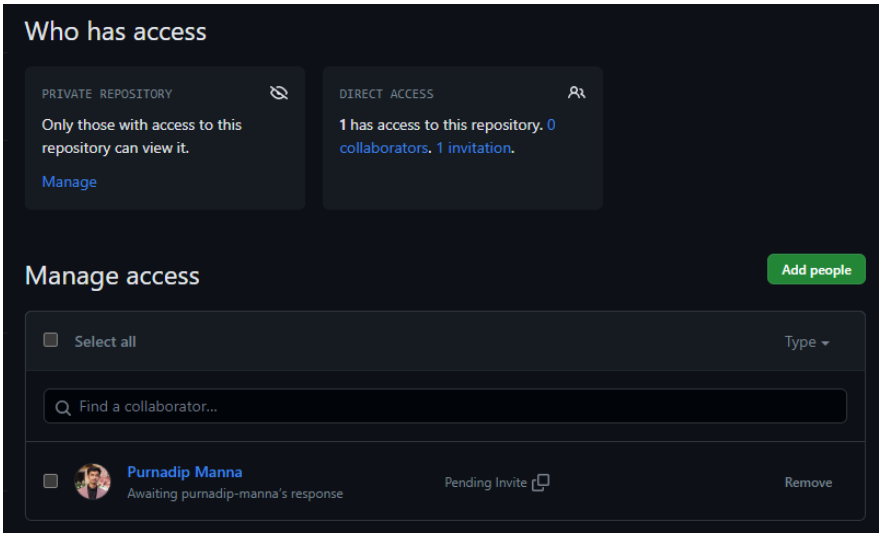


7. Go to the newly created repository and then to repository settings. Click Collaborators. Select Add People and invite people by searching




General
Access
Collaborators
Code and automation
Actions
Webhooks
Codespaces
Pages
Security
Code security and analysis
Deploy keys
Secrets and variables
Integrations
GitHub Apps
Email notifications
Who has access
PRIVATE REPOSITORY
Only those with access to this repository can view it.
Manage
DIRECT ACCESS
0 collaborators have access to this repository. Only you can contribute to this repository.
Manage access
You haven't invited any collaborators yet
Add people


Add a collaborator to aws
Purnadip Manna
purnadip-manna
Add purnadip-manna to this repository

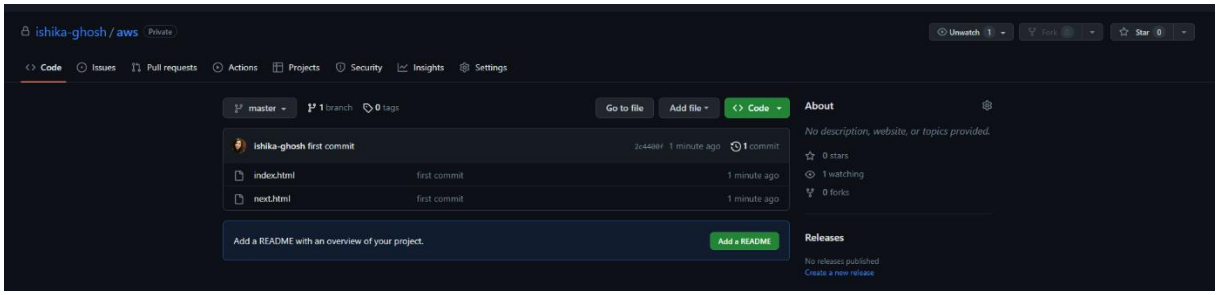

Who has access
PRIVATE REPOSITORY
Only those with access to this repository can view it.
Manage
DIRECT ACCESS
1 has access to this repository. 0 collaborators. 1 invitation.
Manage access
Add people
Select all
Type
Find a collaborator...
Purnadip Manna
Awaiting purnadip-manna's response
Pending Invite
Remove

Deploying a project from a local machine to GitHub and vice versa

1. Open the required html folder with Git Bash.
2. Type and execute the following commands one by one.
    1. git init
    2. ls -L
    3. git status
    4. git add .
    5. git status
    6. git commit -m “first commit”
    7. git remote add origin *repo link*
    8. git push-u origin master

```
ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/ishika2
$ git init
Initialized empty Git repository in C:/Users/ISHIKA/Desktop/ishika2/.git/

ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/ishika2 (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)

ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/ishika2 (master)
$ git add .

ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/ishika2 (master)
$ git commit -m "first commit"
[master (root-commit) 2c4400f] first commit
 2 files changed, 29 insertions(+)
 create mode 100644 index.html
 create mode 100644 next.html

ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/ishika2 (master)
$ git remote add origin https://github.com/ishika-ghosh/aws.git

ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/ishika2 (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), 560 bytes | 560.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/ishika-ghosh/aws.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.

ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/ishika2 (master)
```

3. Sign into the GitHub account and refresh your browser you can see those files.



4. Create a new directory and open Gitbash in this folder.
5. Type and execute the following commands
    1. git clone https://github.com/sudip7407/New-Repo1.git
6. Create a new repository in GitHub
7. Open Gitbash in the cloned folder (remove the already existing .git hidden folder in the folder containing the cloned project.)
8. Type and execute the following commands
    1. git init
    2. git add .

3. git commit -m “Committed”
4. git remote add origin *repo link*
5. git push -u origin master

9. Refresh your repository.

```
ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/new
$ 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.

ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/new
$ git remote --v
fatal: not a git repository (or any of the parent directories): .git

ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/new
$ cd New-Repo1/

ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/new/New-Repo1 (master)
$ git remote --v
origin  https://github.com/sudip7407/New-Repo1.git (fetch)
origin  https://github.com/sudip7407/New-Repo1.git (push)

ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/new/New-Repo1 (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean

ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/new/New-Repo1 (master)
$ git remote add origin https://github.com/ishika-ghosh/awsproject.git
error: remote origin already exists.

ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/new/New-Repo1 (master)
$ git remote remove origin

ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/new/New-Repo1 (master)
$ git remote add origin https://github.com/ishika-ghosh/awsproject.git

ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/new/New-Repo1 (master)
$ git push -u origin master
Everything up-to-date
Branch 'master' set up to track remote branch 'master' from 'origin'.

ISHIKA@LAPTOP-2OPEKLTV MINGW64 ~/Desktop/new/New-Repo1 (master)
```