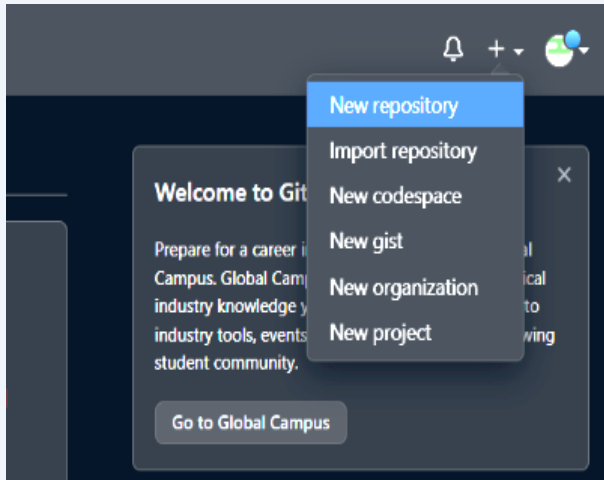


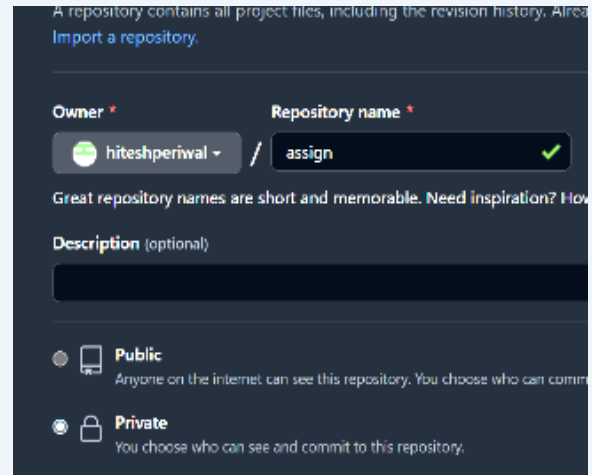
Assignment No. 8

DEPLOY A PROJECT FROM LOCAL MACHINE TO GITHUB AND VICE-VERSA

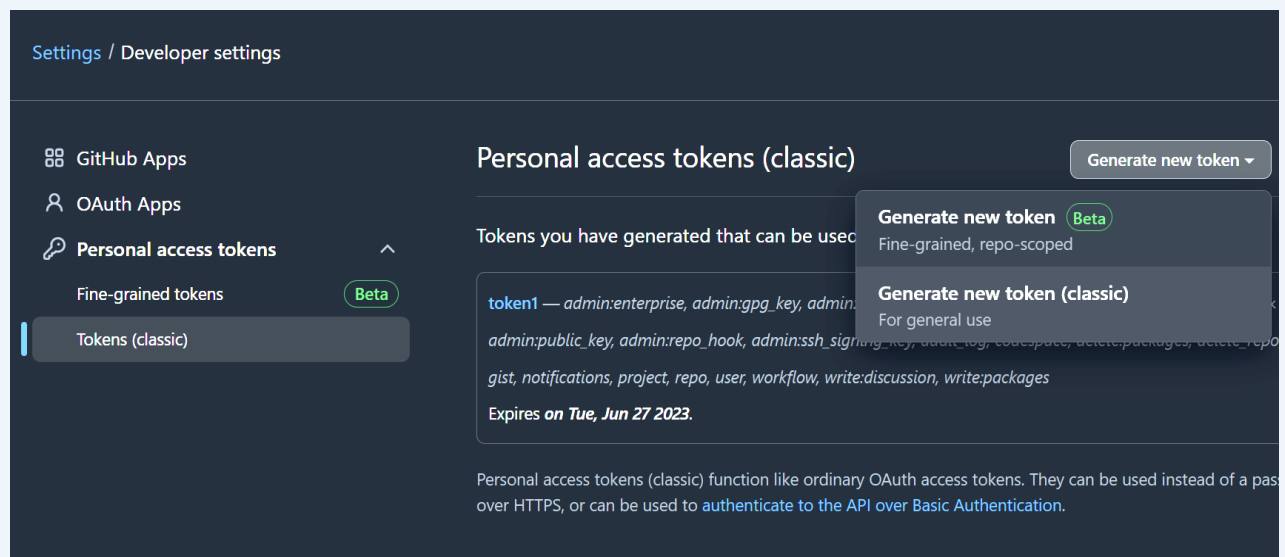
1. Visit github.com, login in it and then click on “New repository”.



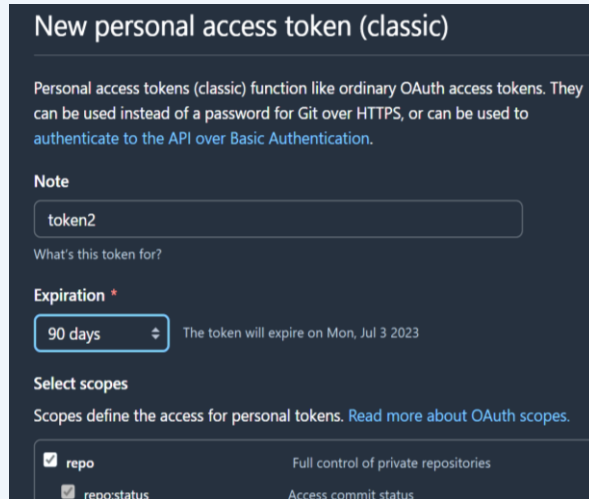
2. Give a Repository name and set it as private. Then click on “Create repository”.



3. Go to Settings, on the bottom of the left panel click on “developer settings”. Then go to “Personal access tokens”, choose “Tokens(classic)”. Now on the right side select “Generate new token” and then “Generate new token(classic)”.



4. Now give this token a name, select expiration duration as 90 days. Click on all the checkbox listed under scopes to get the full control. Then click on "Generate token".



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

token2

What's this token for?

Expiration *

90 days The token will expire on Mon, Jul 3 2023

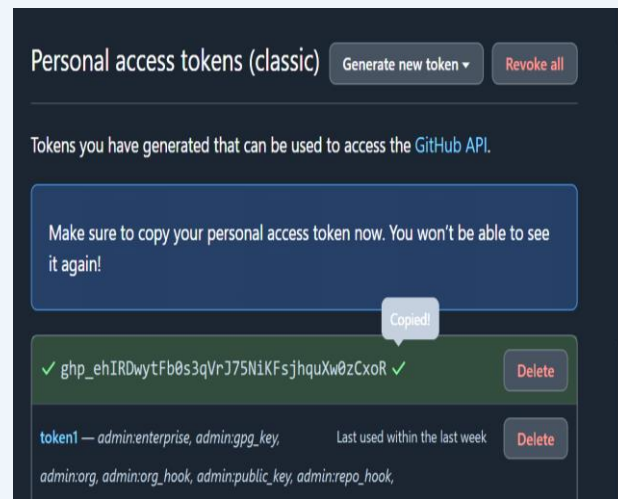
Select scopes

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

☒ repo Full control of private repositories

☐ repo:status Access commit status

5. Copy and save the generated token for future use.



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!

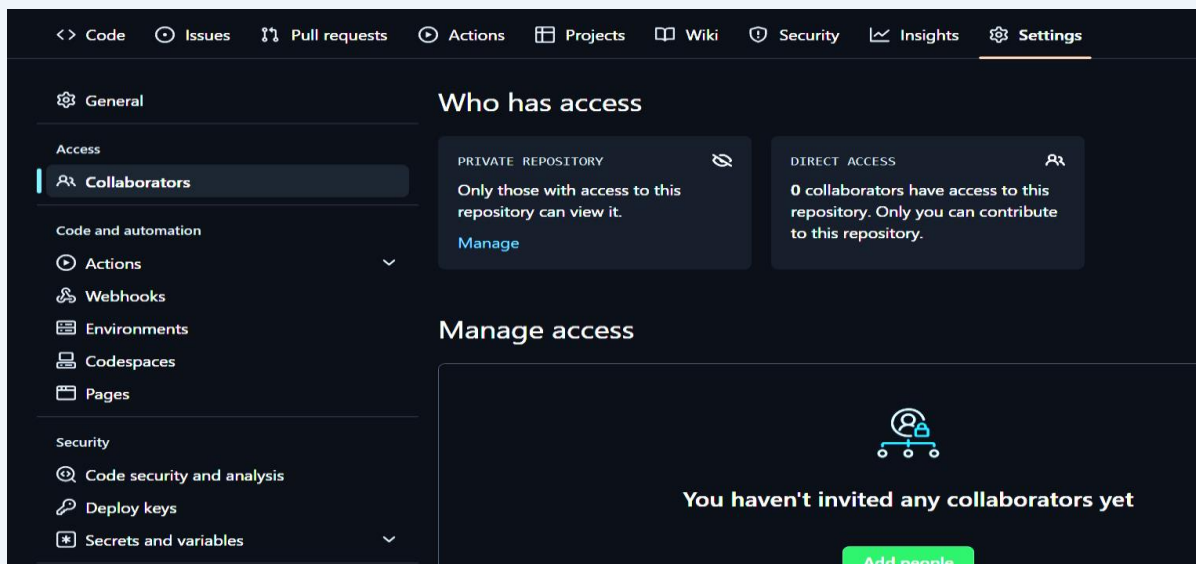
Copied!

✓ ghp_ehIRDwytFb0s3qVrJ75NiKFsJhquXw0zCxoR ✓ Delete

token1 — admin:enterprise, admin:gpg_key, Last used within the last week Delete

admin:org, admin:org_hook, admin:public_key, admin:repo_hook,

6. Go to settings option inside "assign" repository. Click on "Collaborators" and "add people" with whom you want to collab this project. Invitation can be sent to the respective person using the github username or email id with which his/her github account is associated. The invitation can be accepted using the link that the person will receive on the registered email or by navigating to the notification section of his/her github account. Upon acceptance of the invitation, the private repository will be accessible to that collaborator.



<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

General

Access

Collaborators

Code and automation

Actions

Webhooks

Environments

Codespaces

Pages

Security

Code security and analysis

Deploy keys

Secrets and variables

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

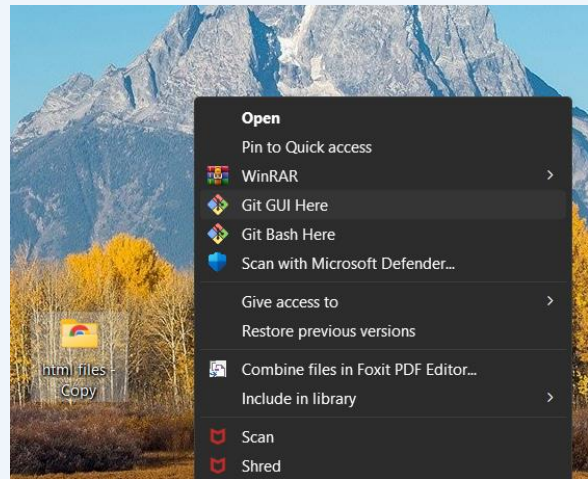
You haven't invited any collaborators yet

Add people

7. Copy the https link of the repository which will be required in the upcoming steps.



8. Right click on the folder whose file you wish to deploy on github and click on "Git Bash here".



9. Type the following commands in the git bash to deploy a project from local machine to Github

```
hites@LAPTOP-Q12SOP5J MINGW64 ~/OneDrive/Documents/onedrive/Desktop/html files - Copy
$ git init
Initialized empty Git repository in C:/Users/hites/OneDrive/Documents/onedrive/Desktop/html files

hites@LAPTOP-Q12SOP5J MINGW64 ~/OneDrive/Documents/onedrive/Desktop/html files - Copy (master)
$ ls -A
.git/ index.html next.html

hites@LAPTOP-Q12SOP5J MINGW64 ~/OneDrive/Documents/onedrive/Desktop/html files - Copy (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)

hites@LAPTOP-Q12SOP5J MINGW64 ~/OneDrive/Documents/onedrive/Desktop/html files - Copy (master)
$ git add .

hites@LAPTOP-Q12SOP5J MINGW64 ~/OneDrive/Documents/onedrive/Desktop/html files - Copy (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
  new file:   index.html
  new file:   next.html

hites@LAPTOP-Q12SOP5J MINGW64 ~/OneDrive/Documents/onedrive/Desktop/html files - Copy (master)
$ git config --global user.email hp.socialconnect@gmail.com

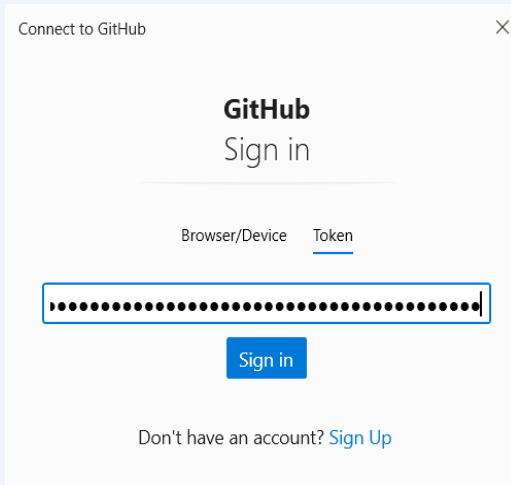
hites@LAPTOP-Q12SOP5J MINGW64 ~/OneDrive/Documents/onedrive/Desktop/html files - Copy (master)
$ git config --global user.name hiteshperiwal

hites@LAPTOP-Q12SOP5J MINGW64 ~/OneDrive/Documents/onedrive/Desktop/html files - Copy (master)
$ git commit -m "done"

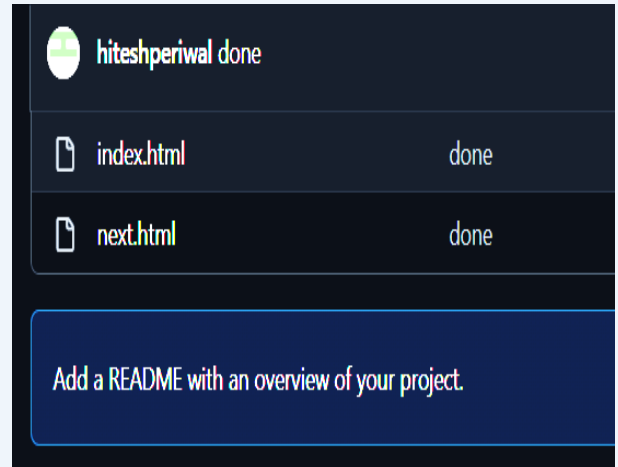
hites@LAPTOP-Q12SOP5J MINGW64 ~/OneDrive/Documents/onedrive/Desktop/html files - Copy (master)
$ git remote add origin https://github.com/hiteshperiwal/assign.git

hites@LAPTOP-Q12SOP5J MINGW64 ~/OneDrive/Documents/onedrive/Desktop/html files - Copy (master)
$ git push -u origin master
```

10. In the window which popped up, select sign in using token, paste the token saved previously and click "Sign in".



11. The project is thus deployed from local machine to github".



12. To deploy a project from Github to local machine :-
- Copy the link of the repository which you want to deploy.
 - Create a new folder named "N1" and open gitbash there.
 - Type the following commands in the git bash (use the link of the repository in the command).
 - Thus, the task is complete

```
hites@LAPTOP-Q12SOP5J MINGW64 ~/OneDrive/Documents/onedrive/Desktop/N1
$ git init
Initialized empty Git repository in C:/Users/hites/OneDrive/Documents/onedrive/Desktop/N1/.git/

hites@LAPTOP-Q12SOP5J MINGW64 ~/OneDrive/Documents/onedrive/Desktop/N1 (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.
```

N1 > New-Repo1				
Name	Date modified	Type	Size	
.git	04-04-2023 20:48	File folder		
.gitignore	04-04-2023 20:48	txtfile	1 KB	
index	04-04-2023 20:48	JavaScript File	1 KB	
New Text Document	04-04-2023 20:48	Text Document	0 KB	
package.json	04-04-2023 20:48	JSON File	1 KB	