

University Assignment: 2a

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Class: T.E IT B

Subject: Web Application Development

Steps for creating git account:

1. Visit the GitHub Website.

- Open your web browser and go to [GitHub's website](https://github.com).

2. Sign Up for an Account.

- On the GitHub homepage, you'll see a "Sign up" button in the upper right corner of the page. Click on it.

3. Enter Your Details.

- Username: Choose a unique username that will represent you on GitHub
- Email Address: Provide a valid email address.
- Password: Create a secure password.

4. Verify Your Email Address.

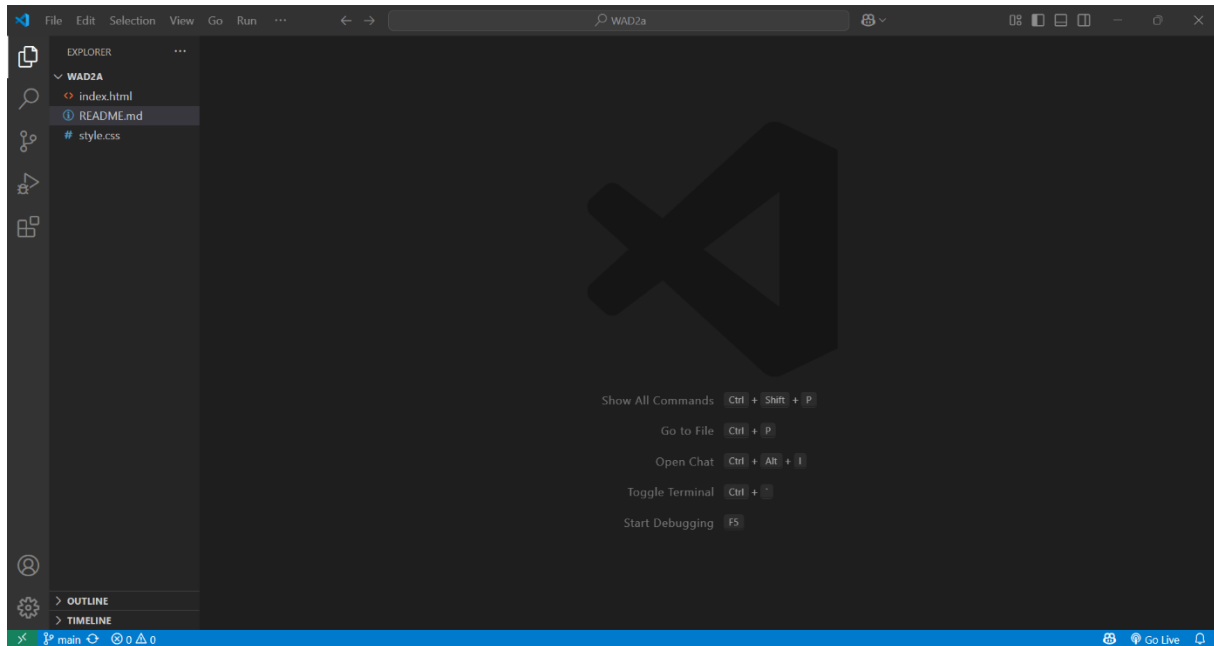
5. Install Git on Your Local Machine.

If you haven't already installed Git, you'll need it to interact with GitHub repositories from your computer.

Steps for creating git repository :

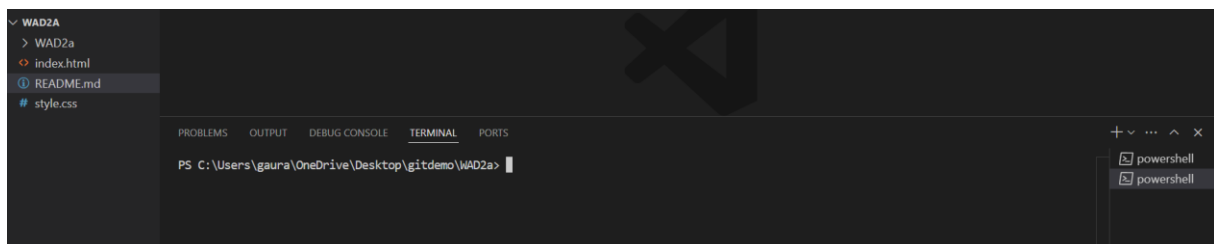
Local repository :

1. Open VSCode and go to the View menu > Terminal to open the integrated terminal.



2. In the terminal, navigate to the folder where you want to clone the repository:

`cd path/to/your/folder`



3. Initialize git in specified folder

git init..

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\gaurya\OneDrive\Desktop\gitdemo\WAD2a> git init
Reinitialized existing Git repository in C:/Users/gaurya/OneDrive/Desktop/gitdemo/WAD2a/.git/
PS C:\Users\gaurya\OneDrive\Desktop\gitdemo\WAD2a> git status
On branch main
Your branch is up to date with 'origin/main'.
```

4. Run the following command to clone the repository :

git clone <https://github.com/username/repository-name.git>

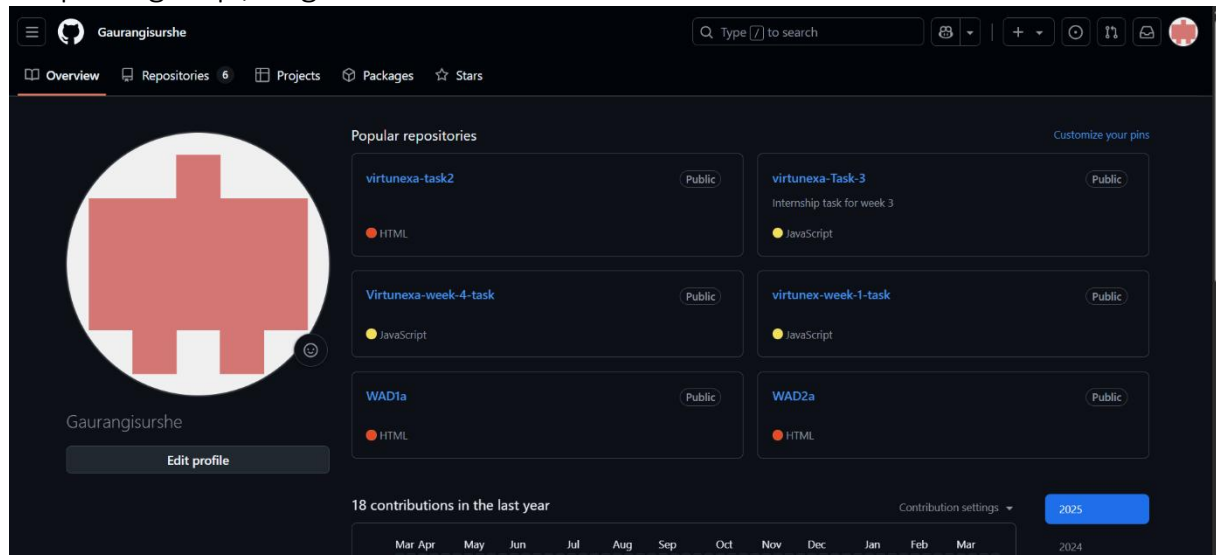
```
PS C:\Users\gaurya\OneDrive\Desktop\gitdemo\WAD2a> git add .
PS C:\Users\gaurya\OneDrive\Desktop\gitdemo\WAD2a> git commit -m "added files part 2"
[main a5336c4] added files part 2
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 style.css
PS C:\Users\gaurya\OneDrive\Desktop\gitdemo\WAD2a> git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 318 bytes | 318.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Gaurangisurshe/WAD2a.git
dc844a4..a5336c4  main -> main
branch 'main' set up to track 'origin/main'.
PS C:\Users\gaurya\OneDrive\Desktop\gitdemo\WAD2a> |
```

5. After cloning, you can open the project folder in VSCode :

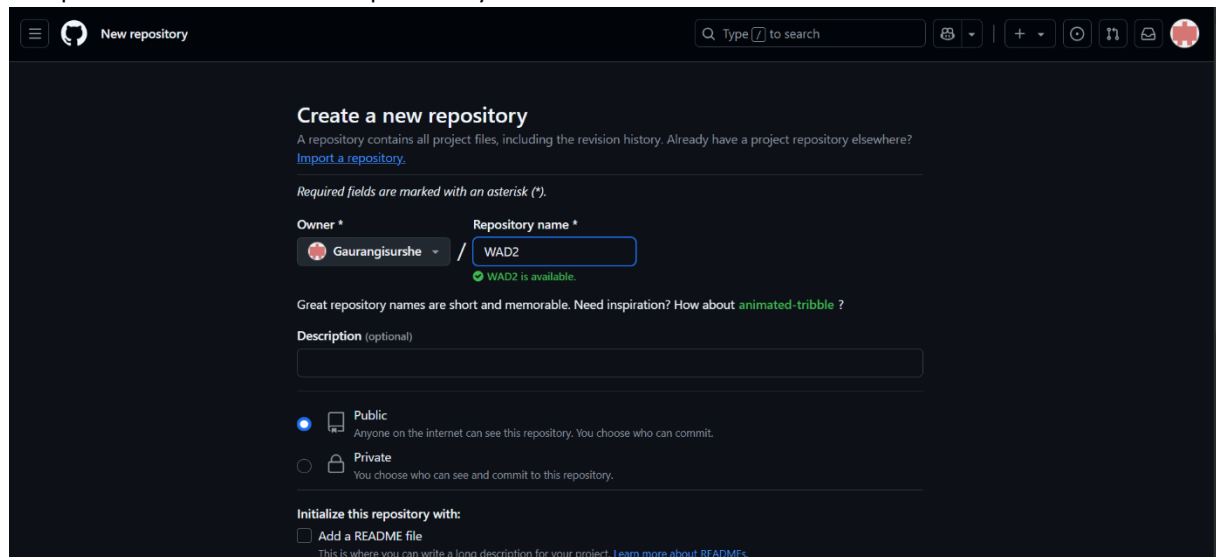
code repository-name

Global repository :

Step 1: Sign Up / Log In to GitHub



Step 2: Create a New Repository on GitHub



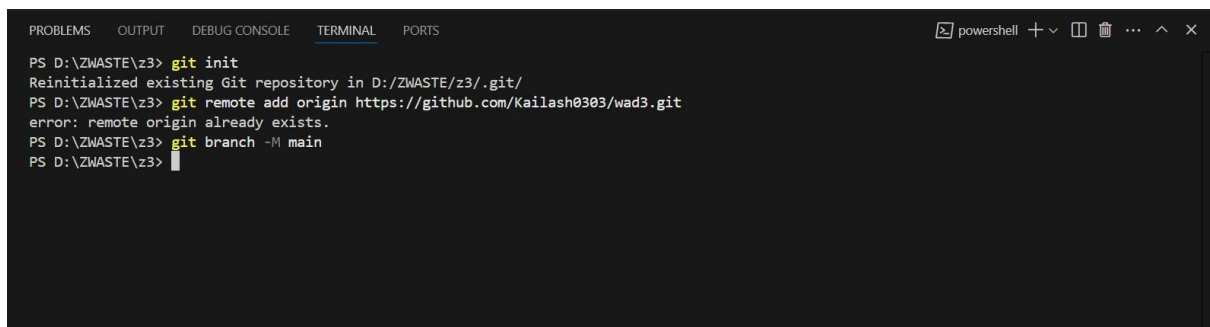
Step 3: Link Your Local Repository to GitHub

- Add the remote URL

git remote add origin <https://github.com/yourname/yourrepositoryname.git>

- If needed update branch name

git branch -M main



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS powershell + - [ ] [ ] ... ^ x
PS D:\ZWASTE\z3> git init
Reinitialized existing Git repository in D:/ZWASTE/z3/.git/
PS D:\ZWASTE\z3> git remote add origin https://github.com/Kailash0303/wad3.git
error: remote origin already exists.
PS D:\ZWASTE\z3> git branch -M main
PS D:\ZWASTE\z3>
```

Step 4: Follow the below steps for adding :

- Add the File to Staging :

git add filename.ext

- Commit the File :

git commit -m "Added new file"

- Push to GitHub :

git push origin main

```
PS C:\Users\gauro\OneDrive\Desktop\gitdemo\WAD2a> git add .
PS C:\Users\gauro\OneDrive\Desktop\gitdemo\WAD2a> git commit -m "added files"
[main dc844a4] added files
1 file changed, 202 insertions(+)
create mode 100644 index.html
PS C:\Users\gauro\OneDrive\Desktop\gitdemo\WAD2a> git push -u origin main
fatal: unable to access 'https://github.com/Gaurangisurshe/WAD2a.git/': Could not resolve host: github.com
PS C:\Users\gauro\OneDrive\Desktop\gitdemo\WAD2a> git push -u origin main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 1.78 KiB | 1.78 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Gaurangisurshe/WAD2a.git
 f642922..dc844a4  main -> main
branch 'main' set up to track 'origin/main'.
PS C:\Users\gauro\OneDrive\Desktop\gitdemo\WAD2a>
```

Step 5: Check the github in browser to verify the updates
and commit history.

