//emmet(zen coding)

+ means same level or sibling

> Means child

Example: div#header expands to 

Example: div.container expands to 

Parent-Child Relationships: Use > to nest elements.

Example: div>ul>li expands to:

```
<div>
   <ul>
      <li></li>
   </ul>
</div>
```

Siblings: Use + to add sibling(same alignment) elements.

Example: h1+p expands to:

```
<h1></h1>
<p></p>
```

Multiplication: Use * to repeat elements.

Example: ul>li*3 expands to:

```
<ul>
   <li></li>
   <li></li>
   <li></li>
```

</ul>

Grouping: Use () to group elements.

Example: div>(header>h1)+section>p expands to:

```
<div>
  <header>
    <h1></h1>
  </header>
  <section>
    <p></p>
  </section>
</div>
```

Text Content: Use {} to insert text.

Example: p{Hello World} expands to Hello World

//Example

**div.container>p*2+ul*5>li*2**

```
<div class="container">
    <p></p>
    <p></p>
    <ul>
        <li></li>
        <li></li>
    </ul>
    <ul>
        <li></li>
        <li></li>
    </ul>
    <ul>
        <li></li>
        <li></li>
    </ul>
    <ul>
        <li></li>
```

```
        <li></li>
    </ul>
    <ul>
        <li></li>
        <li></li>
    </ul>
</div>
```

//add full code

html:5

//run

right click->open with live server

//run in browser

view->command pallete->simple browser show->copy and paste address of localhost(http://127.0.0.1:5500/index.html) in vs code->press enter

//css in head

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <style>
        body{
            font-family: Arial, Helvetica, sans-serif;
            text-align: center;
        }
        h1{
            color: #FF0000;
        }
    </style>
</head>
<body>
    <h1>Hellow</h1>
    <p>Hi</p>
    <p>Hii</p>
</body>
</html>
```

//add tailwinds

https://tailwindcss.com/docs/installation/play-cdn

//color

https://tailwindcss.com/docs/customizing-colors

//image source

https://unsplash.com/

//image in center

```
<img src="https://images.unsplash.com/photo-1729205940313-
ec6f3ccbbc63?w=500&auto=format&fit=crop&q=60&ixlib=rb-
4.0.3&ixid=M3wxMjA3fDB8MHxmZWF0dXJlZC1waG90b3MtZmVlZHw1fHx8ZW58MHx8fHx8"
     alt="Laravel"
     width="500"
     height="500"
     style="display: block; margin: auto;"
     >
```

//accordion

```
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <script src="https://cdn.tailwindcss.com"></script>
    <style>
        /* Styling the accordion */
        details {
            border: 1px solid #ccc;
            border-radius: 5px;
            margin: 5px 0;
            padding: 5px;
            max-width: 100%;
        }

        summary {
            font-weight: bold;
            cursor: pointer;
            padding: 5px;
        }

        details[open] summary {
            color: #007BFF;
```

```
            /* Color when section is expanded */
        }

        /* Optional: style the content */
        p {
            padding: 10px;
            margin: 0;
            background-color: #f9f9f9;
            border-top: 1px solid #ccc;
        }
    </style>
</head>

<body>
    <div class="accordion">
        <details>
            <summary>Section 1</summary>
            <p>This is the content of Section 1. It becomes visible when you expand the
section.</p>
        </details>

        <details>
            <summary>Section 2</summary>
            <p>This is the content of Section 2. It becomes visible when you expand the
section.</p>
        </details>

        <details>
            <summary>Section 3</summary>
            <p>This is the content of Section 3. It becomes visible when you expand the
section.</p>
        </details>
    </div>
</body>
```

## //extension

//theme

one dark pro

//formatting document

prettier

view->command palette->format document

//php

devsense

//javascript hint

eslint

//GitHub code hint(search with only github)

GitHub Copilot

//Arrange Assets folder

//arrange assets folder

- assets
  - css
    - style.css
  - images
    - image files
  - js
    - demo.js

//Link with css

//css code writtend  assets/css/style.css file

```
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <script src="https://cdn.tailwindcss.com"></script>
    <link rel="stylesheet" href="assets/css/style.css">
</head>

<body>
    <div class="accordion">
        <details>
            <summary>Section 1</summary>
            <p>This is the content of Section 1. It becomes visible when you expand the
section.</p>
        </details>

        <details>
            <summary>Section 2</summary>
            <p>This is the content of Section 2. It becomes visible when you expand the
section.</p>
        </details>

        <details>
            <summary>Section 3</summary>
            <p>This is the content of Section 3. It becomes visible when you expand the
section.</p>
        </details>
    </div>

</body>
```

```
</html>
```

//Add javascript

```
<body>

</body>
<script src="assets/js/script.js"></script>

</html>
```

//in assets/js folder

```
alert("Hellow from utsab");
```

//Attractive FORM

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Styled Registration Form</title>
    <style>
        /* Basic form container styling */
        .form-container {
            max-width: 500px;
            margin: 0 auto;
            padding: 20px;
            border: 1px solid #ccc;
            border-radius: 10px;
            background-color: #f9f9f9;
            box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
        }

        h2 {
            text-align: center;
            color: #333;
        }

        label {
            display: block;
            margin: 10px 0 5px;
            font-weight: bold;
            color: #555;
        }

        input[type="text"],
```

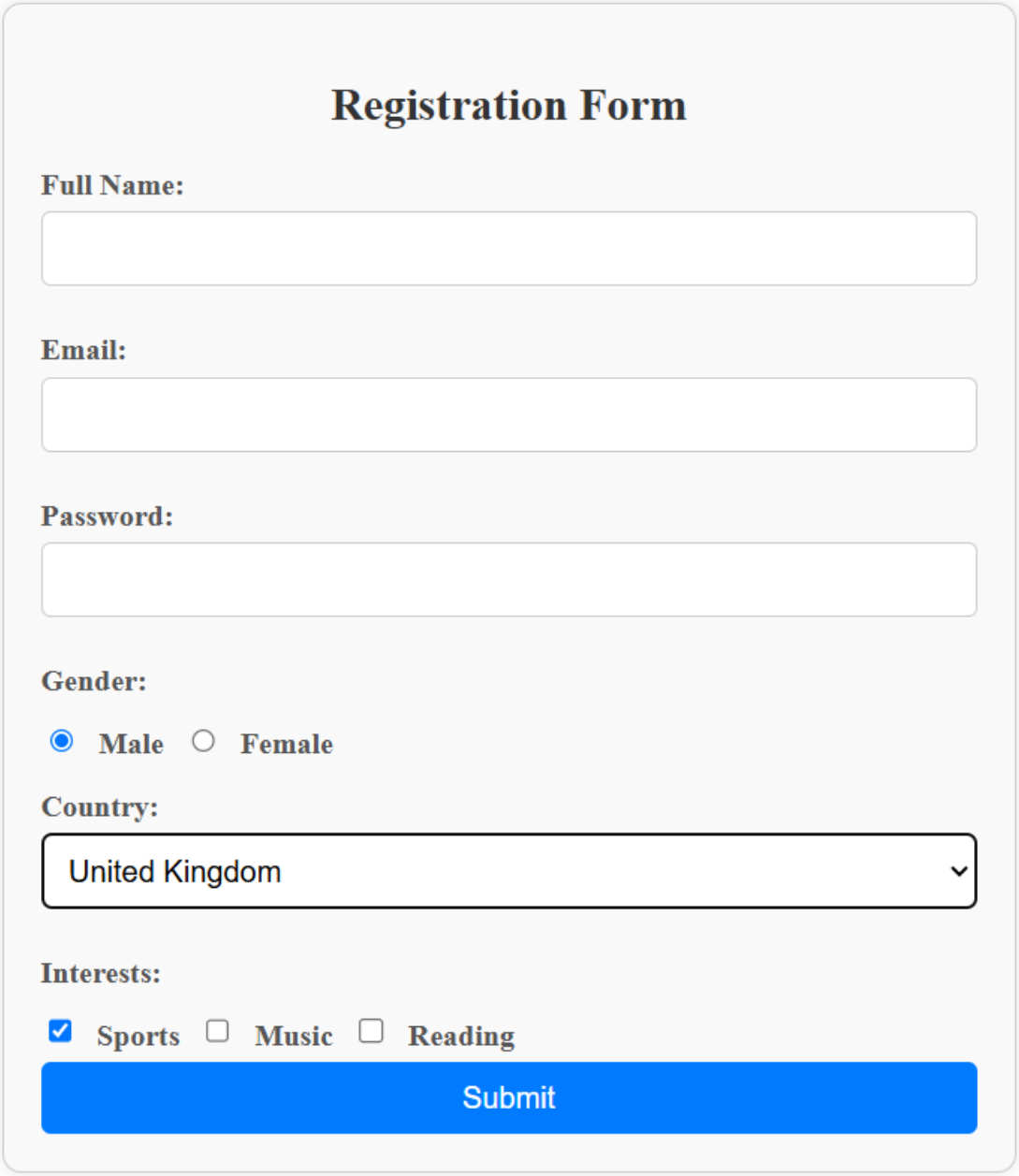
```
        input[type="email"],
        input[type="password"],
        select {
            width: 100%;
            padding: 10px;
            margin-bottom: 15px;
            border: 1px solid #ccc;
            border-radius: 5px;
            font-size: 16px;
            box-sizing: border-box;
        }

        /* Radio buttons and checkboxes inline */
        .radio-group,
        .checkbox-group {
            display: flex;
            align-items: center;
            gap: 10px; /* space between options */
        }

        input[type="submit"] {
            width: 100%;
            padding: 10px;
            font-size: 16px;
            color: #fff;
            background-color: #007BFF;
            border: none;
            border-radius: 5px;
            cursor: pointer;
            transition: background-color 0.3s ease;
        }

        input[type="submit"]:hover {
            background-color: #0056b3;
        }
    </style>
</head>
<body>

<div class="form-container">
    <h2>Registration Form</h2>
    <form action="submit_form.php" method="post">
        <label for="name">Full Name:</label>
        <input type="text" id="name" name="name" required>

        <label for="email">Email:</label>
        <input type="email" id="email" name="email" required>

        <label for="password">Password:</label>
        <input type="password" id="password" name="password" required>

        <label>Gender:</label>
        <div class="radio-group">
            <input type="radio" id="male" name="gender" value="male">
```

```
            <label for="male">Male</label>
            <input type="radio" id="female" name="gender" value="female">
            <label for="female">Female</label>
        </div>

        <label for="country">Country:</label>
        <select id="country" name="country" required>
            <option value="">Select your country</option>
            <option value="usa">United States</option>
            <option value="canada">Canada</option>
            <option value="uk">United Kingdom</option>
        </select>

        <label>Interests:</label>
        <div class="checkbox-group">
            <input type="checkbox" id="sports" name="interests" value="sports">
            <label for="sports">Sports</label>
            <input type="checkbox" id="music" name="interests" value="music">
            <label for="music">Music</label>
            <input type="checkbox" id="reading" name="interests" value="reading">
            <label for="reading">Reading</label>
        </div>

        <input type="submit" value="Submit">
    </form>
</div>

</body>
</html>
```

//Git and Github

Developers use Git on their local machine to manage code versions.

When they’re ready to share the code or back it up, they push it to a remote repository on GitHub.




## //Explanation

## HTML Structure

### 1. Container for the Form

```
<div class="form-container">
```

The form is wrapped in a `<div>` with the class `form-container`, which allows us to style the form separately from the rest of the page. This container adds padding, borders, background color, and a shadow effect.

### 2. Form Header

```
<h2>Registration Form</h2>
```

This `<h2>` element provides a title for the form, centered at the top.

### 3. Form Element

```
<form action="submit_form.php" method="post">
```

The `<form>` tag defines the start of the form:

- `action="submit_form.php"` specifies where the form data will be sent when the form is submitted. Here, it goes to a file called `submit_form.php`.
- `method="post"` sends the form data securely without displaying it in the URL, as opposed to `get`.

## Input Fields

### Full Name, Email, and Password

Each input for the name, email, and password is created with `<input type="text">`, `<input type="email">`, and `<input type="password">`. The `required` attribute ensures that users can't submit the form without filling these fields.

### Gender (Radio Buttons)

```
<div class="radio-group">
    <input type="radio" id="male" name="gender" value="male">
    <label for="male">Male</label>
    <input type="radio" id="female" name="gender" value="female">
    <label for="female">Female</label>
</div>
```

The `radio-group` div groups the radio buttons. Using `display: flex;` on this group aligns them in a single line.

Each radio button:

- Has `type="radio"`.
- Has the `name="gender"` attribute, meaning only one option can be selected.
- Has an `id` that matches the corresponding `<label for="">` element, allowing users to click the label to select the button.

### Country (Dropdown)

```
<label for="country">Country:</label>
<select id="country" name="country" required>
    <option value="">Select your country</option>
    <option value="usa">United States</option>
    <option value="canada">Canada</option>
    <option value="uk">United Kingdom</option>
</select>
```

The `<select>` tag creates a dropdown list with various `<option>` tags, each representing a selectable country. The `required` attribute ensures the user must choose a country before submission.

### Interests (Checkboxes)

```
<div class="checkbox-group">
    <input type="checkbox" id="sports" name="interests" value="sports">
    <label for="sports">Sports</label>
    <input type="checkbox" id="music" name="interests" value="music">
    <label for="music">Music</label>
    <input type="checkbox" id="reading" name="interests" value="reading">
    <label for="reading">Reading</label>
</div>
```

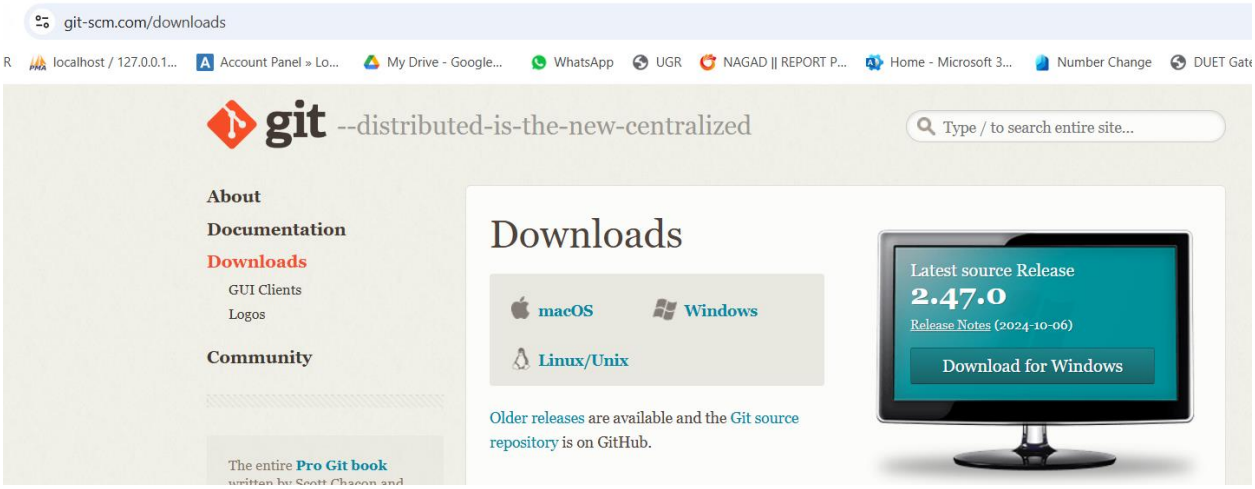
The `checkbox-group` div groups the checkboxes, so they display in a single line. Users can select multiple checkboxes at once since they are each independent.

**Submit Button**

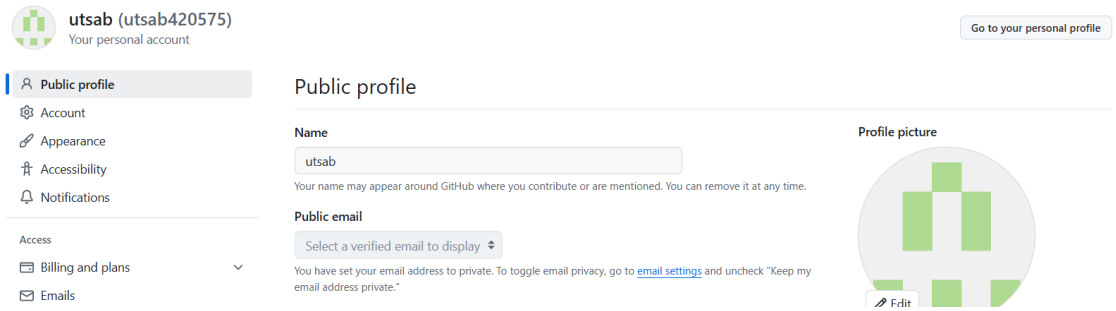
```
<input type="submit" value="Submit">
```

This button submits the form. The `value="Submit"` text appears on the button.

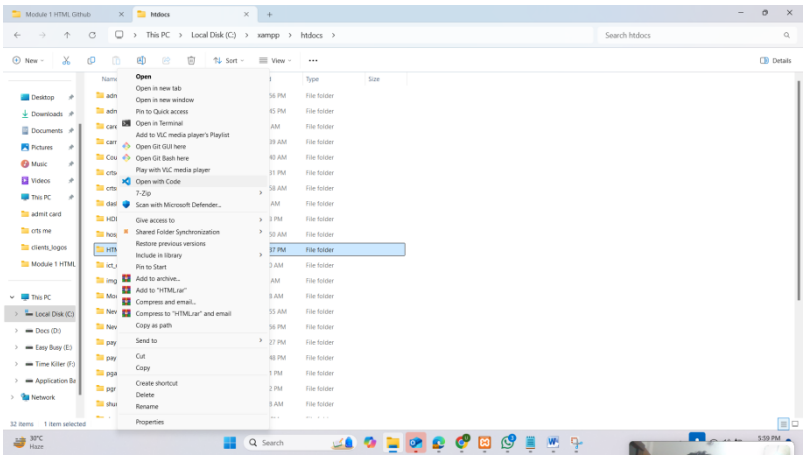
//1. Download Git



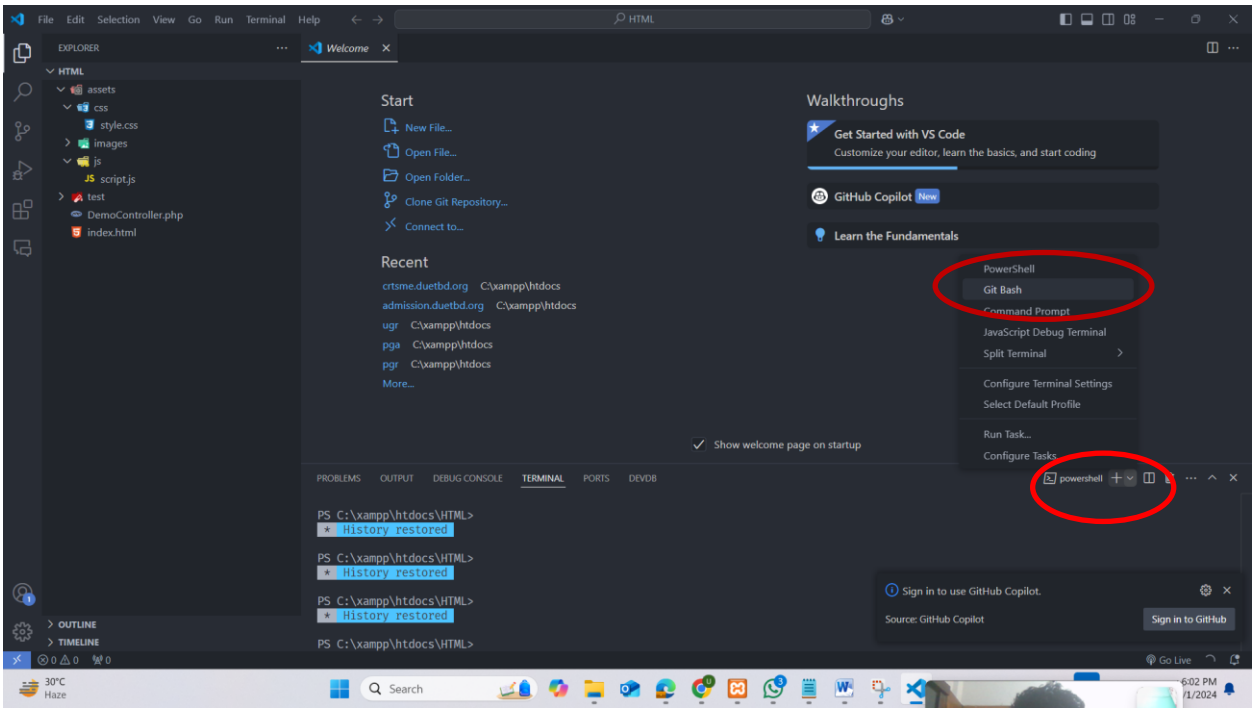

//2. Going to github and see email address and name



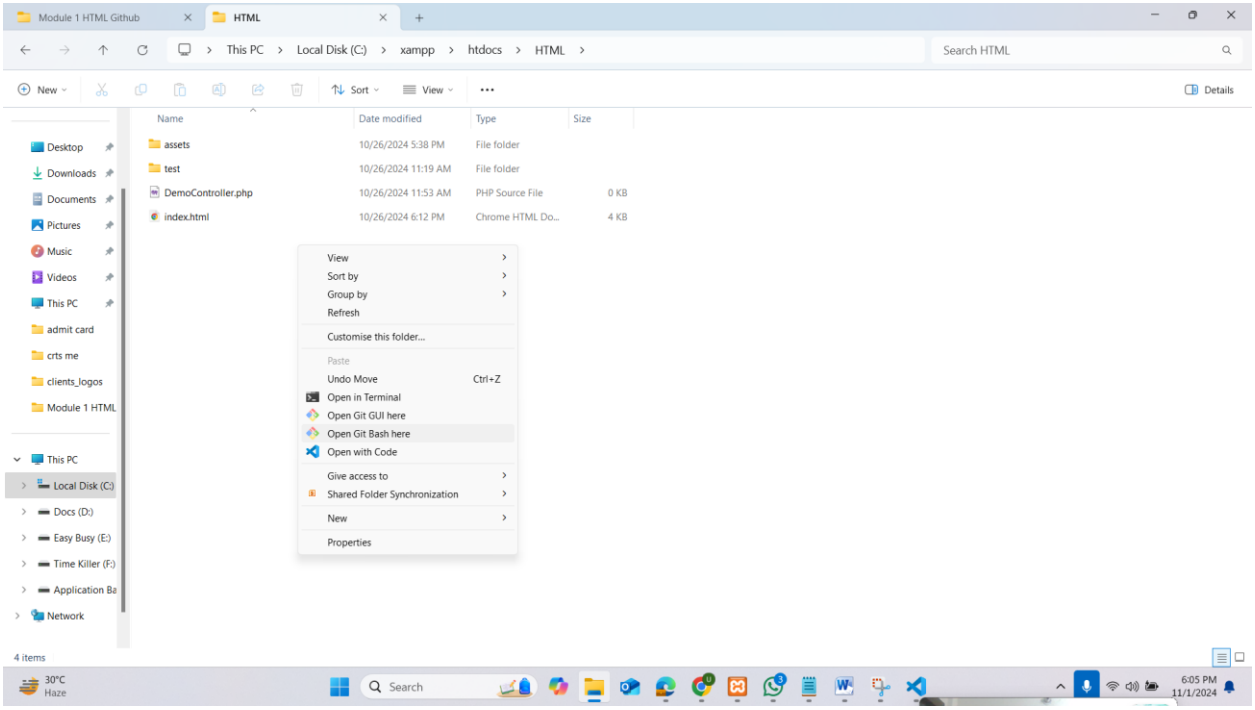

//3.Open Project folder into vs code

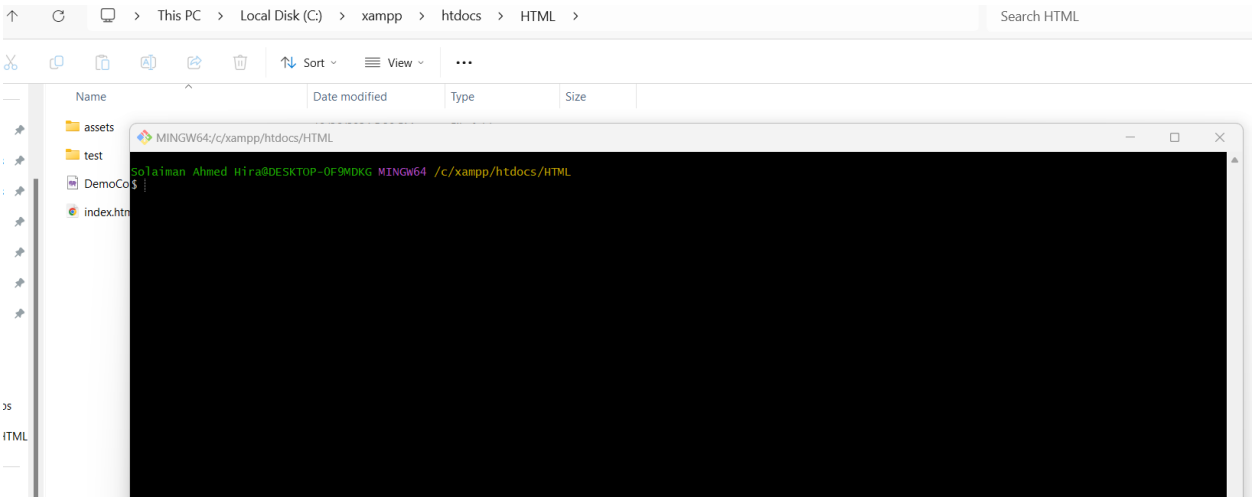


4.Open terminal in gitbash



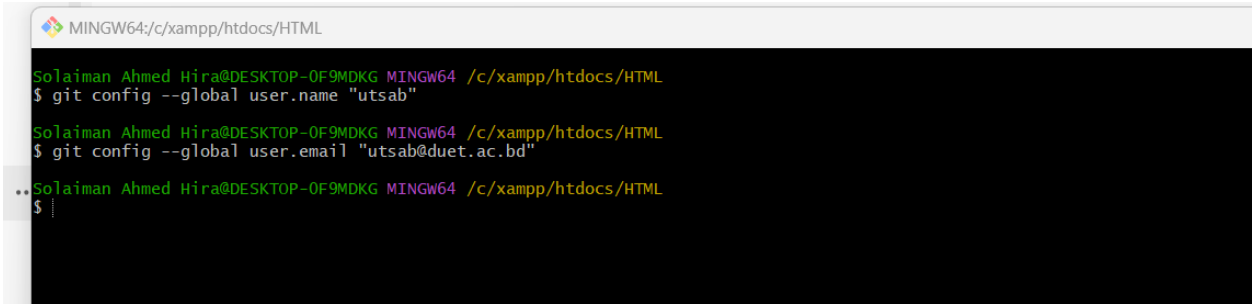

4.Or Right Click and Open git bash here





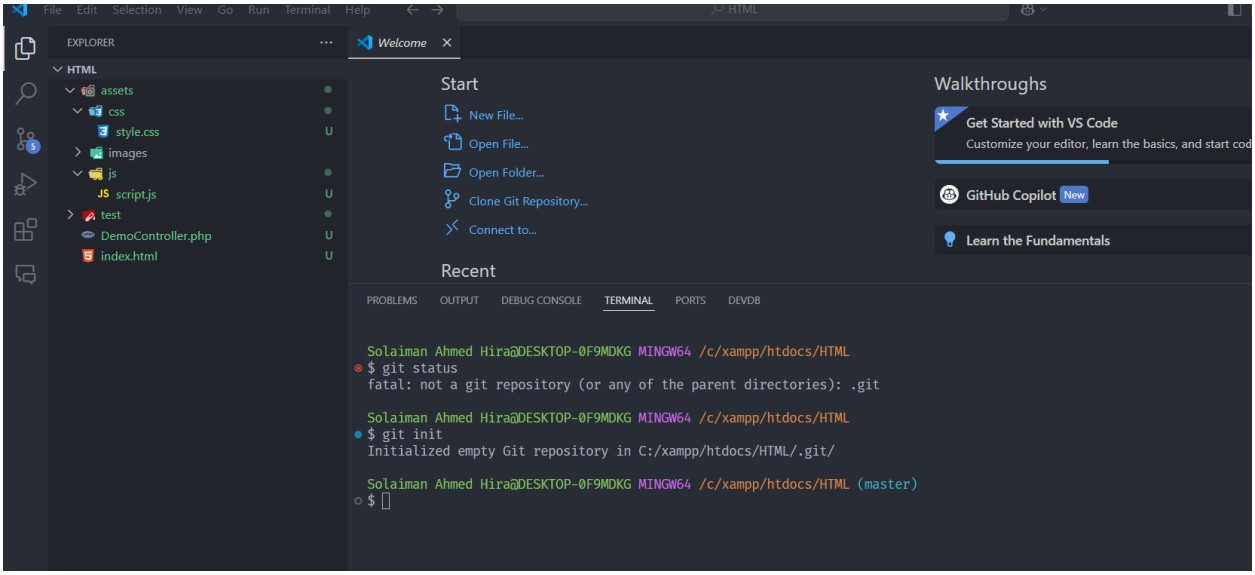

5. Set up your Git identity, which will be used for all commits(user name and email address of github)

```
$ git config --global user.name "utsab"
$ git config --global user.email "utsab@duet.ac.bd"
```




6. Create a New Git Repository , **Initialize a new repository**: Navigate to your project folder and run:

**git init**



7.Here we see which file in untracked or not committed.

**git status**

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        DemoController.php
        assets/
        index.html
        test/

nothing added to commit but untracked files present (use "git add" to track)
```

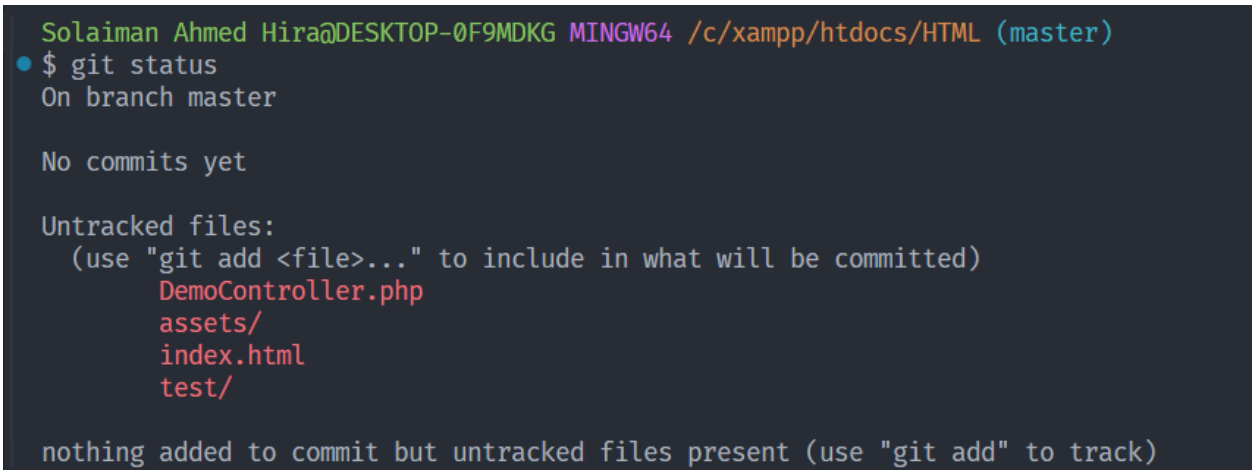
7. **Stage changes**: Add files to the staging area before committing:

//Add single file

**git add filename**

//Add all file

**git add .**




//Add single file

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (master)
$ git add index.html

Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (master)
$ git status
On branch master

No commits yet

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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        DemoController.php
        assets/
        test/
```

//Add all file

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (master)
$ git add .

Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   DemoController.php
        new file:   assets/css/style.css
        new file:   assets/js/script.js
        new file:   index.html
        new file:   test/example.html
```

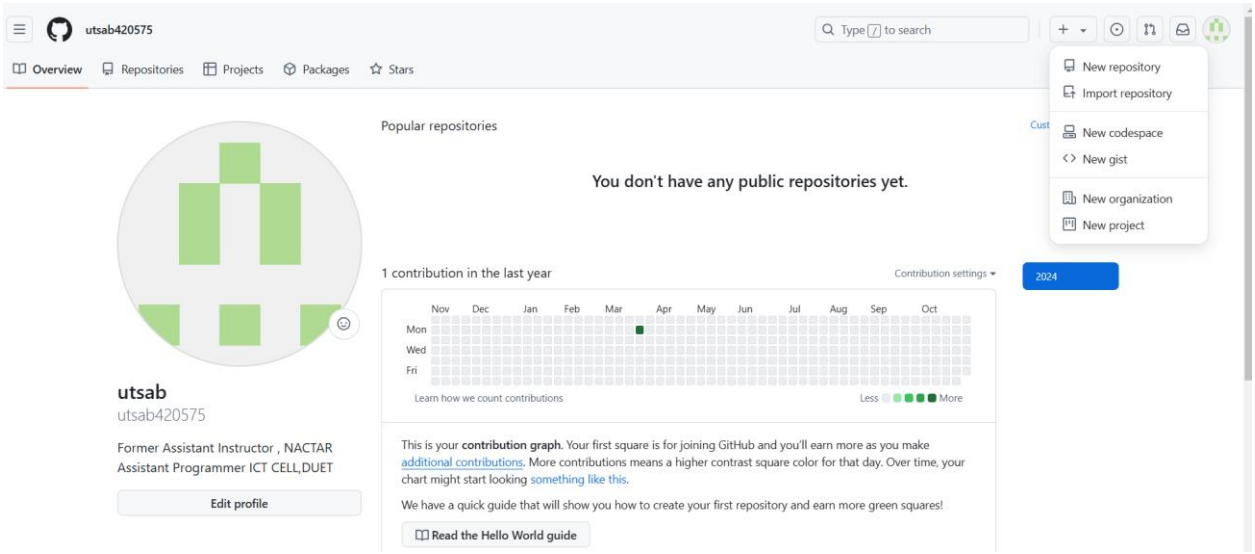
8. **Commit changes**: Commit staged changes with a descriptive message.

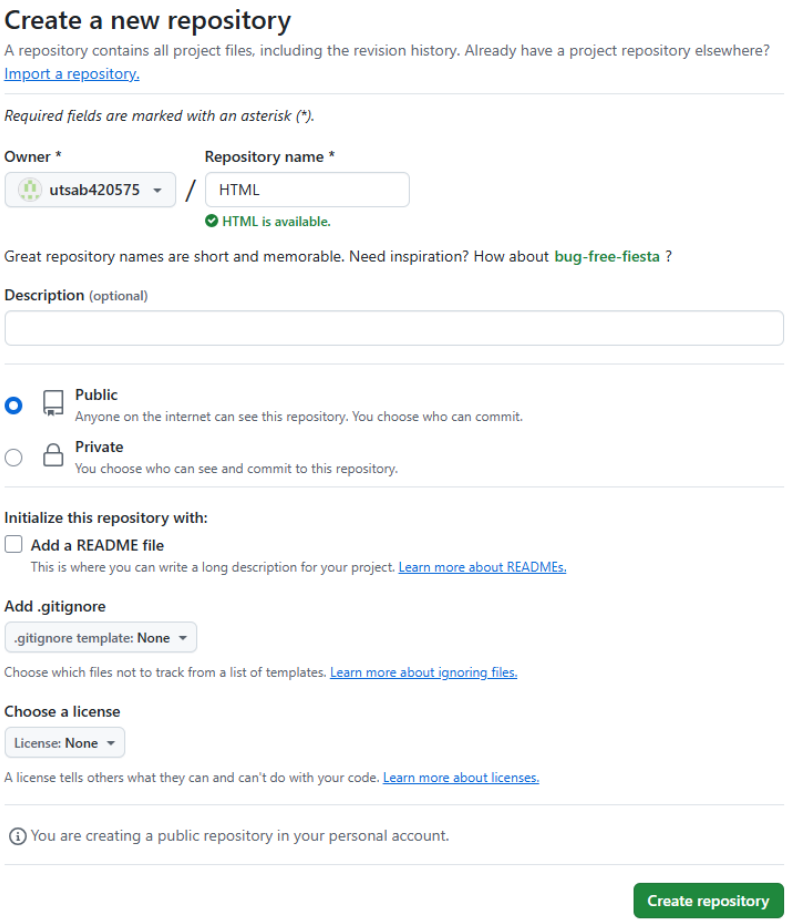
**git commit -m "My first commit"**

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (master)
$ git commit -m "My first commit"
[master (root-commit) c27d8be] My first commit
 5 files changed, 142 insertions(+)
 create mode 100644 DemoController.php
 create mode 100644 assets/css/style.css
 create mode 100644 assets/js/script.js
 create mode 100644 index.html
 create mode 100644 test/example.html

Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (master)
$
```

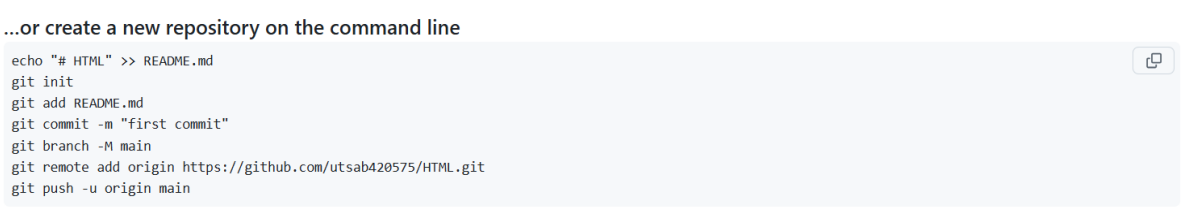
//9. Now we push this into GitHub

Create New Repository




10.Change Master to Main(It's for first time only)



**git branch -M main**

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (master)
$ git branch -M main
```

11. **Link the Local Repository to GitHub.**

git remote add origin https://github.com/your-username/your-repo.git

**`git remote add origin https://github.com/utsab420575/HTML.git`**

In your local project folder, link the local repository to the GitHub repository you just created by adding it as a remote:

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git remote add origin https://github.com/utsab420575/HTML.git
```

12.If this is the first time you're pushing, use:

**`git push -u origin main`**

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git push -u origin main
info: please complete authentication in your browser...
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (11/11), 1.81 KiB | 925.00 KiB/s, done.
Total 11 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/utsab420575/HTML.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
```

Next time just push

**git push**

---

1.After Adding some html file or modified file we repeat above steps;

**git status**

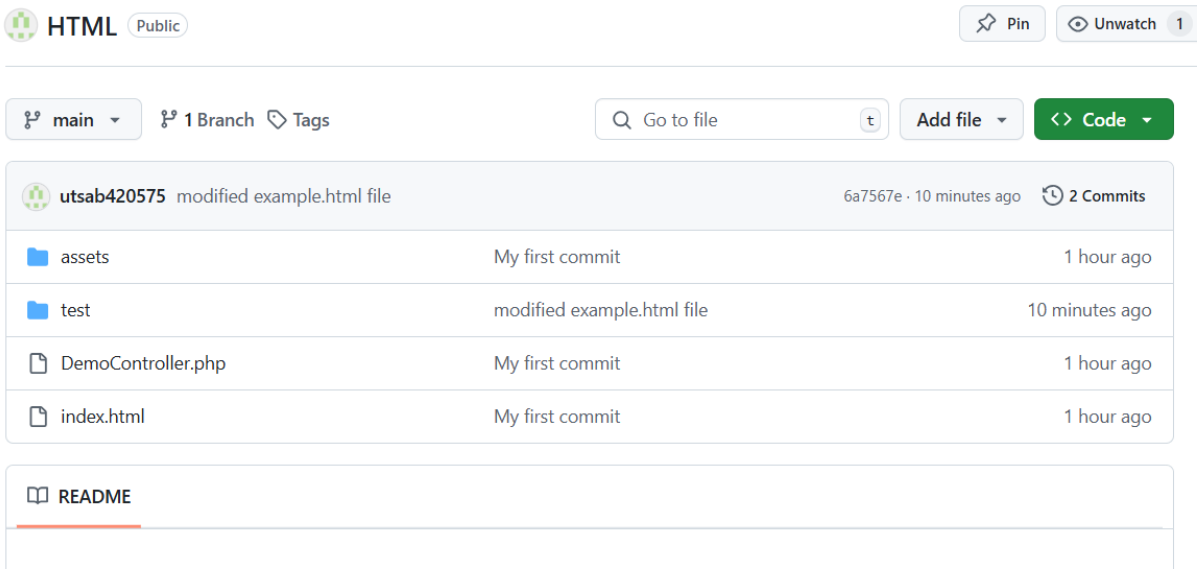
**git add .**

**git commit -m "My first commit"**

**git push**

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   test/example.html

no changes added to commit (use "git add" and/or "git commit -a")

Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git add .

Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git commit 'modified example.html file'
error: pathspec 'modified example.html file' did not match any file(s) known to git

Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git commit -m  'modified example.html file'
[main 6a7567e] modified example.html file
 1 file changed, 75 insertions(+), 1 deletion(-)

Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 920 bytes | 920.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/utsab420575/HTML.git
   c27d8be..6a7567e  main -> main
```

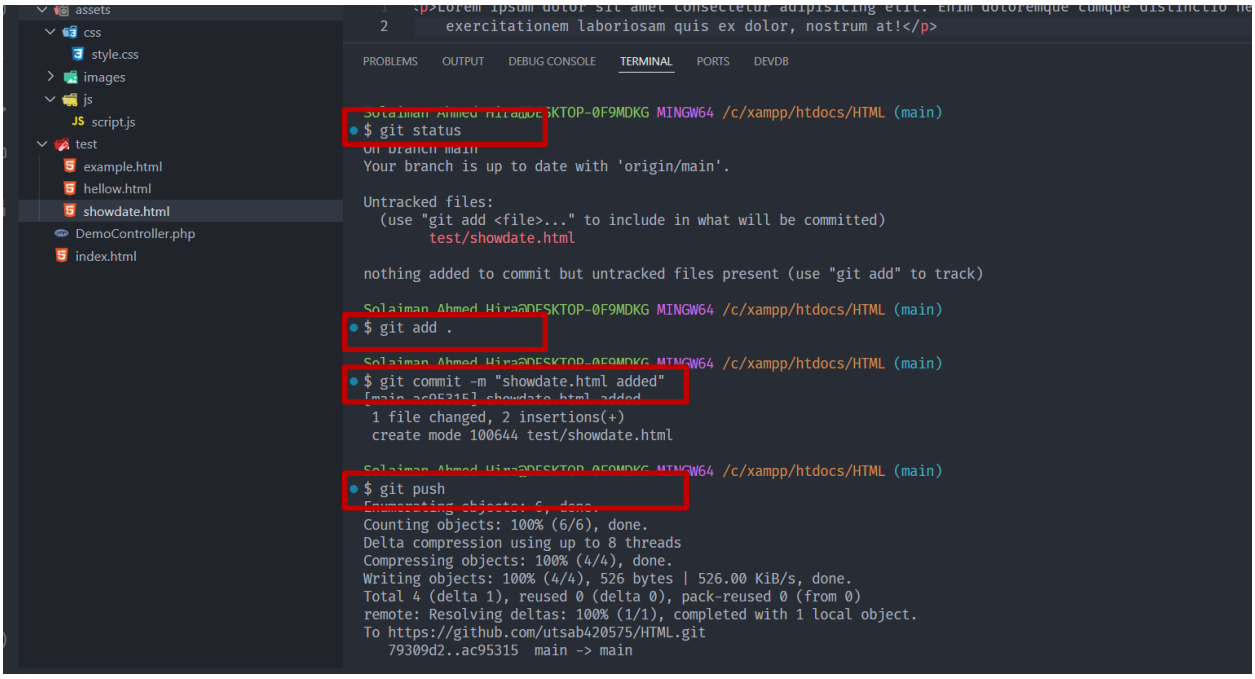
After push all file newly stored into github




---

Git Rollback/Revert (Here we rollback to specific commit)

1.We added some file




2. search commit has

git log –oneline

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git log --oneline
ac95315 (HEAD -> main, origin/main) showdate.html added
79309d2 added hellow.html
6a7567e modified example.html file
c27d8be My first commit
```

3. Identify the Commit to Revert:

4. Use the git revert Command:

git revert 79309d2

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git revert 79309d2
[main 642b231] 79309d2Revert "added hellow.html"
 1 file changed, 4 deletions(-)
 delete mode 100644 test/hellow.html
```

5.Press save and close if open in vs code
otherwise use this bellow command
press esc and :wq

## To Save and Close in Vim:

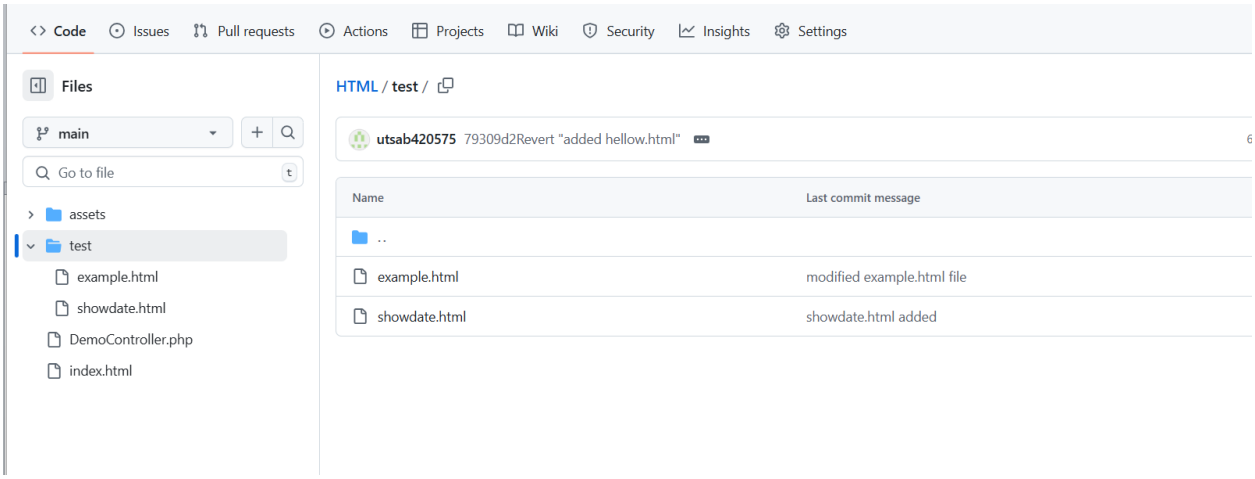
1. **Press** `Esc` to ensure you're in normal mode.
2. **Type** `:wq` (which means write and quit) and then press `Enter`. This will save your commit message and close the editor.

6.Finally push into github

git push origin main

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git push origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 327 bytes | 327.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/utsab420575/HTML.git
   ac95315..642b231  main -> main
```

hellow.html file is deleted and all other things not deleted from github




---

Git Restoring / File Rollback

1.git log --oneline

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git log --oneline
642b231 (HEAD -> main, origin/main) 79309d2Revert "added hellow.html"
ac95315 showdate.html added
79309d2 added hellow.html
6a7567e modified example.html file
c27d8be My first commit
```

**2.** git revert 642b231

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git revert 642b231
[main 388d256] Revert "79309d2Revert "added hellow.html""
 1 file changed, 4 insertions(+)
 create mode 100644 test/hellow.html
```

**3.** Complete the Commit Message

- **Save and Close in Vim**:
  - Press `Esc`, then type `:wq` and hit `Enter` to save the changes and exit.

**4.** Push the Changes to GitHub.

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git push
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 569 bytes | 569.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/utsab420575/HTML.git
   642b231..388d256  main -> main
```

---

**Visual Studio As A Default Browser**

### Step 1: Set VSCode as the Default Editor

1. **Open your terminal**.
2. Run the following command to configure Git to use VSCode as the default editor:

```bash
git config --global core.editor "code --wait"
```

   - The `--wait` flag tells VSCode to wait until the file is closed before returning control to the terminal, which is essential for Git to know when you're done editing.

### Step 2: Verify the Change

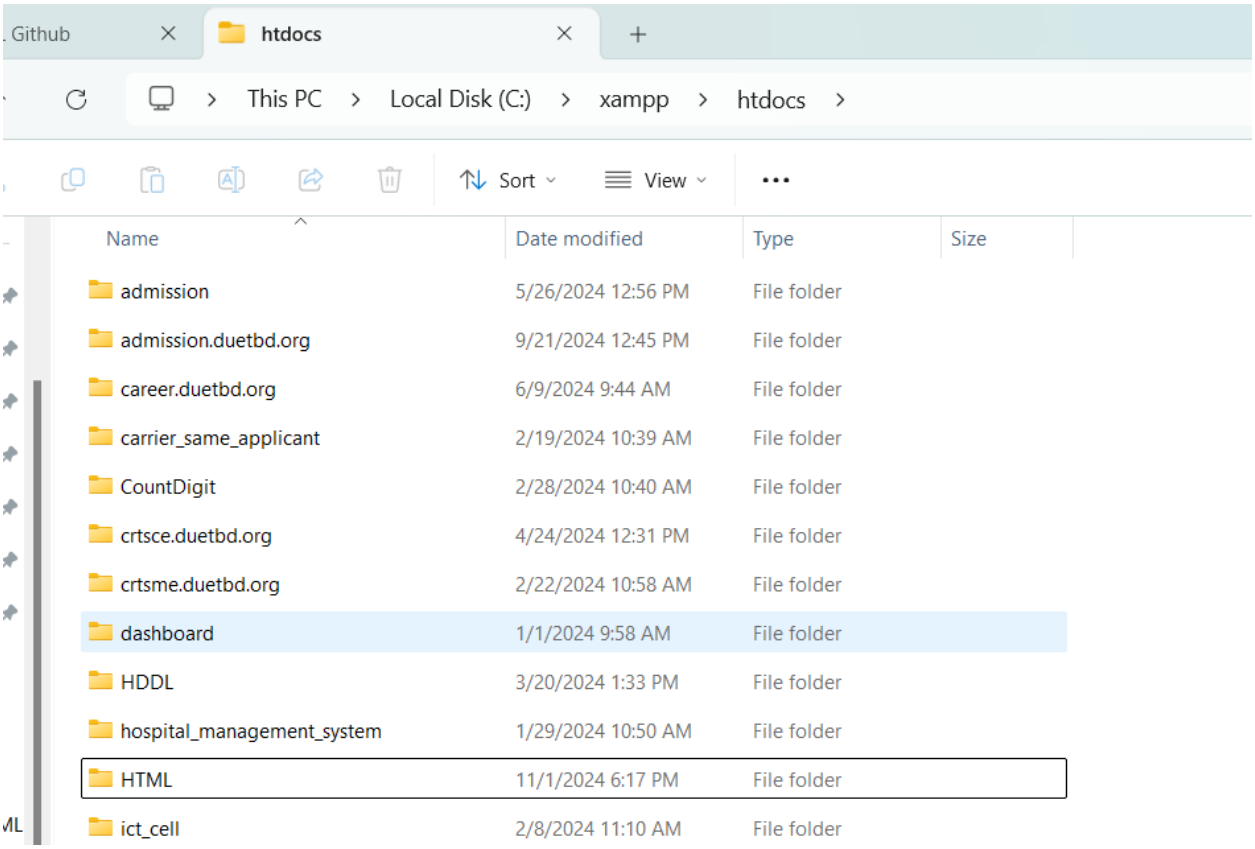
To ensure that the configuration has been set, you can check your Git configuration:

```bash
git config --global --get core.editor
```

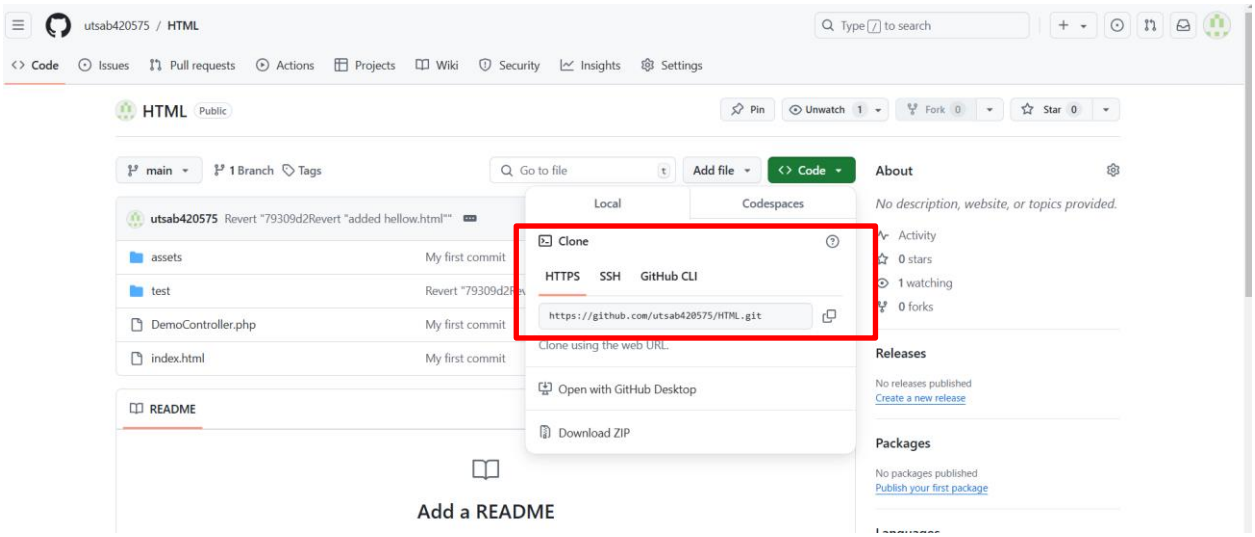
```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git config --global core.editor "code --wait"

Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git config --global --get core.editor
code --wait

Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$
```

**Now how to clone file**

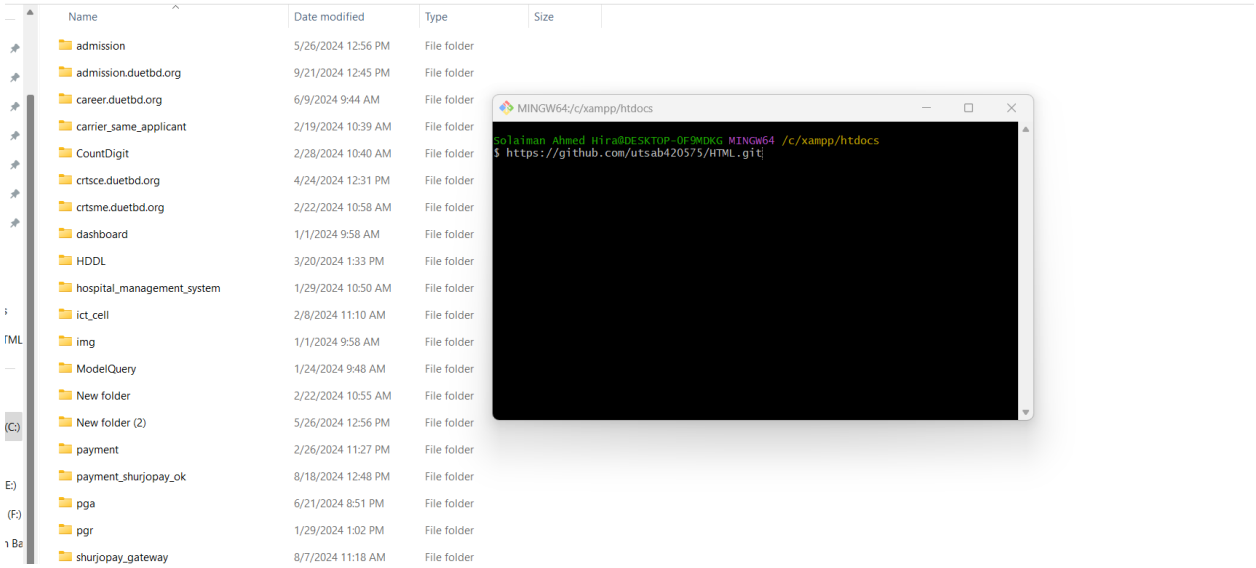
**1. I deleted HTML folder(Or I am to going to work with another PC)**




2.Go to Github

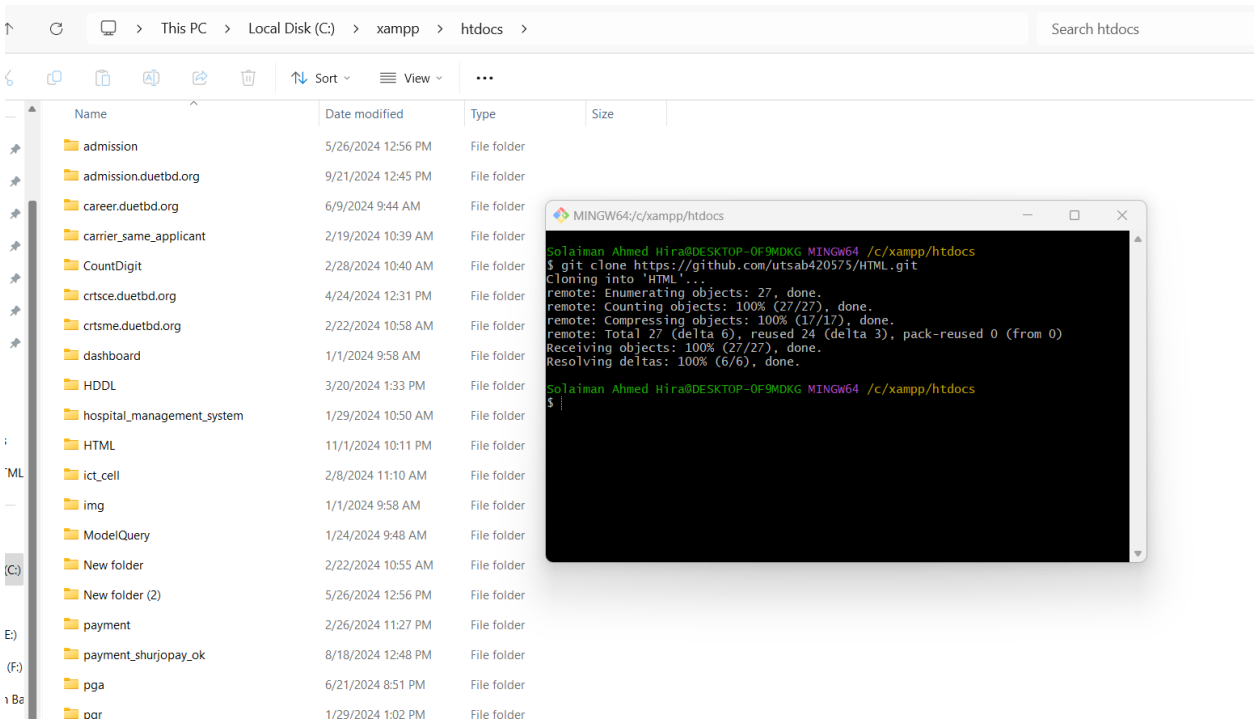



3.Open Git Bash Where Folder will be placed

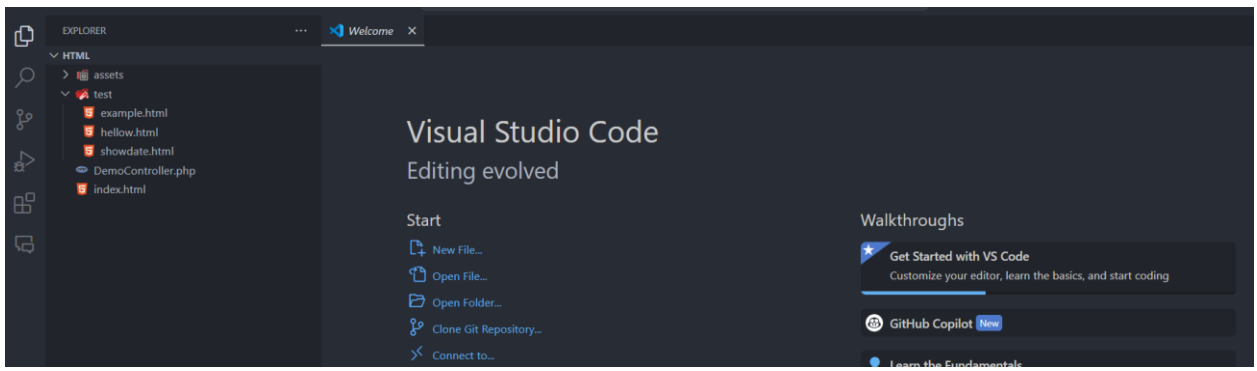



3.press git clone command

git clone https://github.com/utsab420575/HTML.git



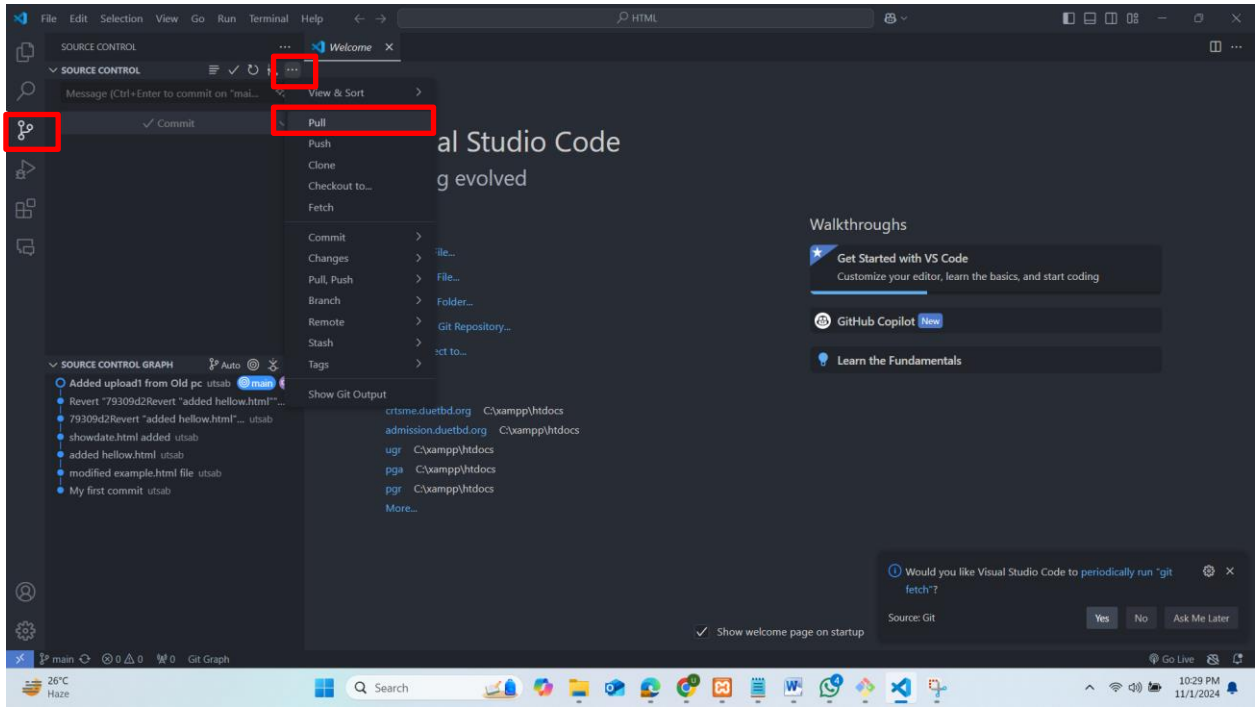

4.Open in vs code



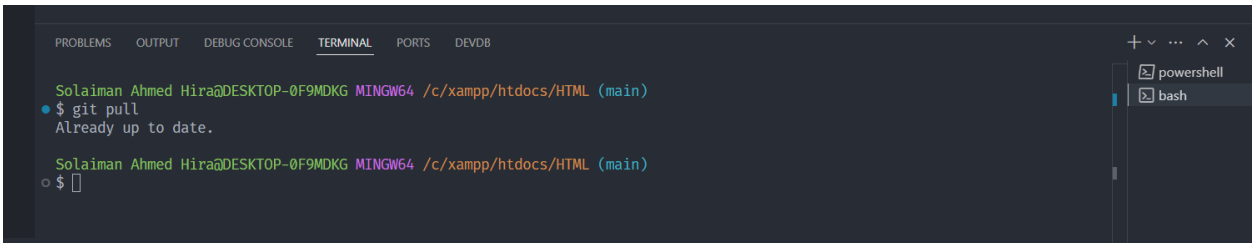
Git PULL

1. If we work in another pc(Office PC) and push into github

Now I come to home and pull the updated code into my home pc VS CODE




Or, This pulls from the default remote branch (usually `origin/main`).




Pull from specific branch:

- **Pull from a Specific Branch**:

```bash
git pull origin feature-branch
```

2.New code store into my HOME PC

Now work for Branch

1. **Creating a Branch**:

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git branch feature-image-gallery
```

2. **Viewing All Branches**:

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git branch
  feature-image-gallery
* main
```

3. **Switching Branches**:

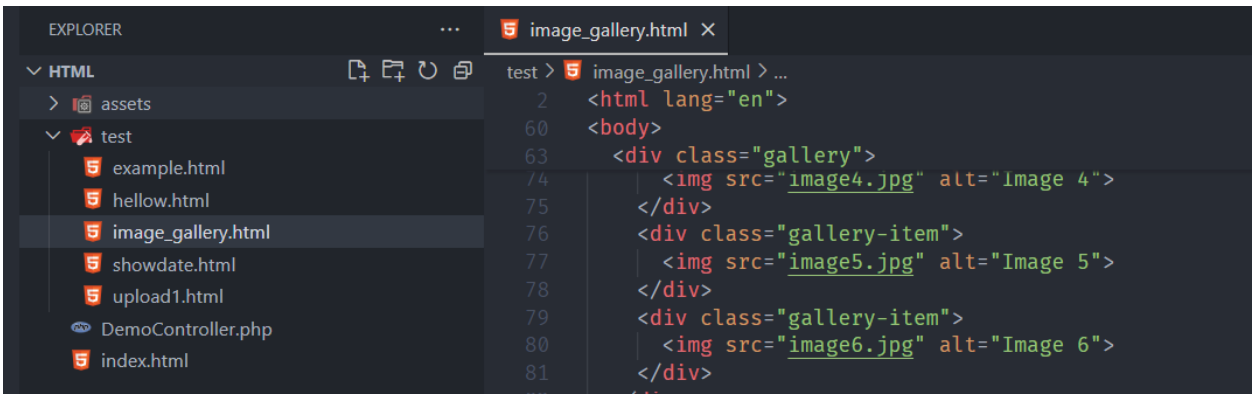
```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git checkout feature-image-gallery
Switched to branch 'feature-image-gallery'
```

4.View(* means we are in that branch)

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (feature-image-gallery)
$ git branch
* feature-image-gallery
  main
```

5.Now add new file or work in new branch

Added image_gallery.html file




Added image_gallery.html file to staging area

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (feature-image-gallery)
$ git status
On branch feature-image-gallery
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        test/image_gallery.html

nothing added to commit but untracked files present (use "git add" to track)

Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (feature-image-gallery)
$ git add .
```

6.commit this into new branch

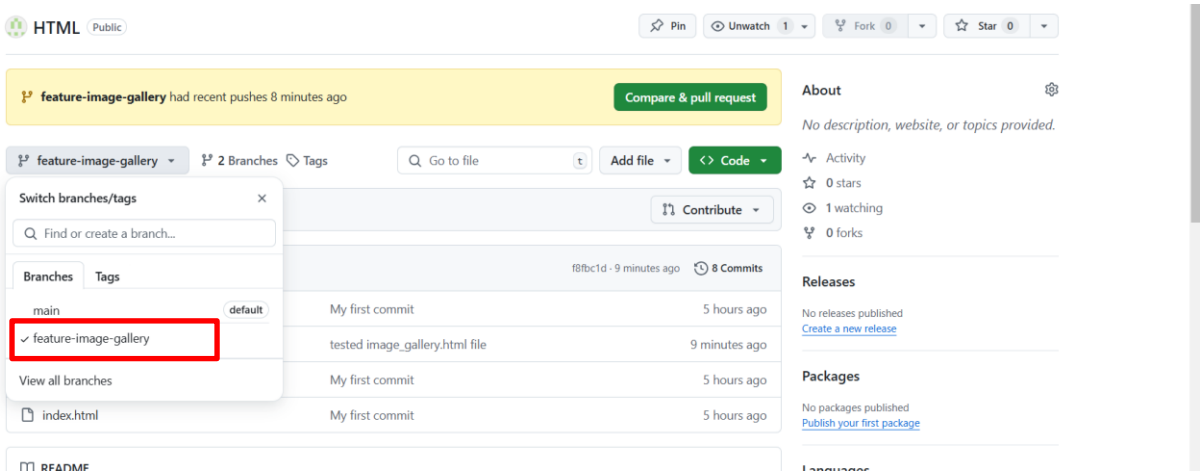
```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (feature-image-gallery)
$ git commit -m 'tested image_gallery.html file'
[feature-image-gallery f8fbc1d] tested image_gallery.html file
 1 file changed, 85 insertions(+)
 create mode 100644 test/image_gallery.html
```

7.Push this new commit to new branch

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (feature-image-gallery)
$ git push
fatal: The current branch feature-image-gallery has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin feature-image-gallery
 create mode 100644 test/image_gallery.html
```

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (feature-image-gallery)
$ git push --set-upstream origin feature-image-gallery
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 1005 bytes | 1005.00 KiB/s, done.
Total 4 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: Create a pull request for 'feature-image-gallery' on GitHub by visiting:
remote:      https://github.com/utsab420575/HTML/pull/new/feature-image-gallery
remote:
To https://github.com/utsab420575/HTML.git
 * [new branch]      feature-image-gallery -> feature-image-gallery
branch 'feature-image-gallery' set up to track 'origin/feature-image-gallery'.
```

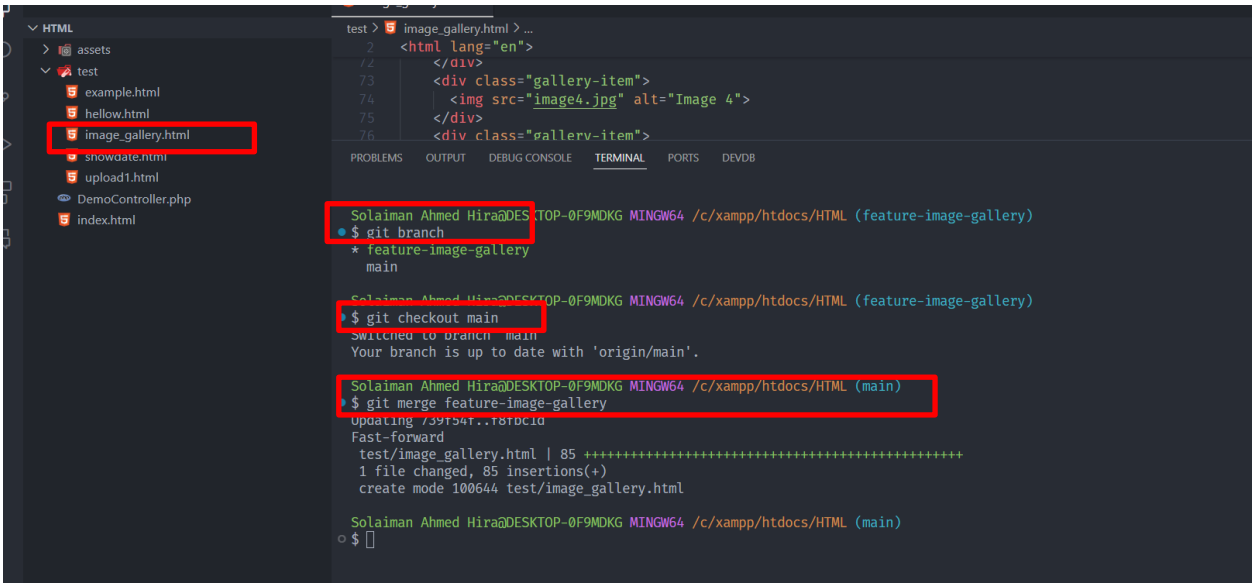
8.New Branch

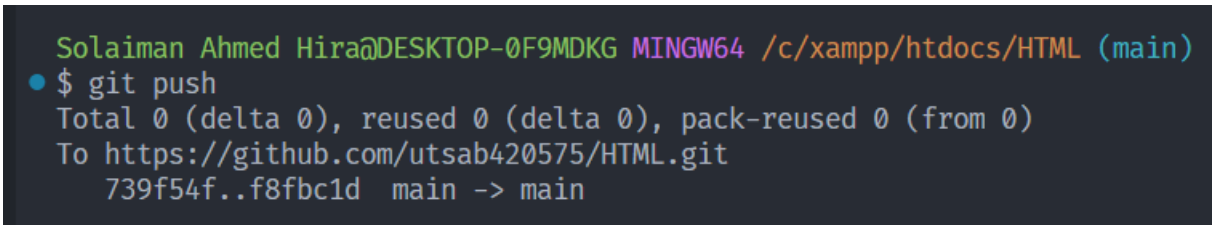



9. **Merge the Branch**: Once the feature is complete and tested, merge it back into `main`.

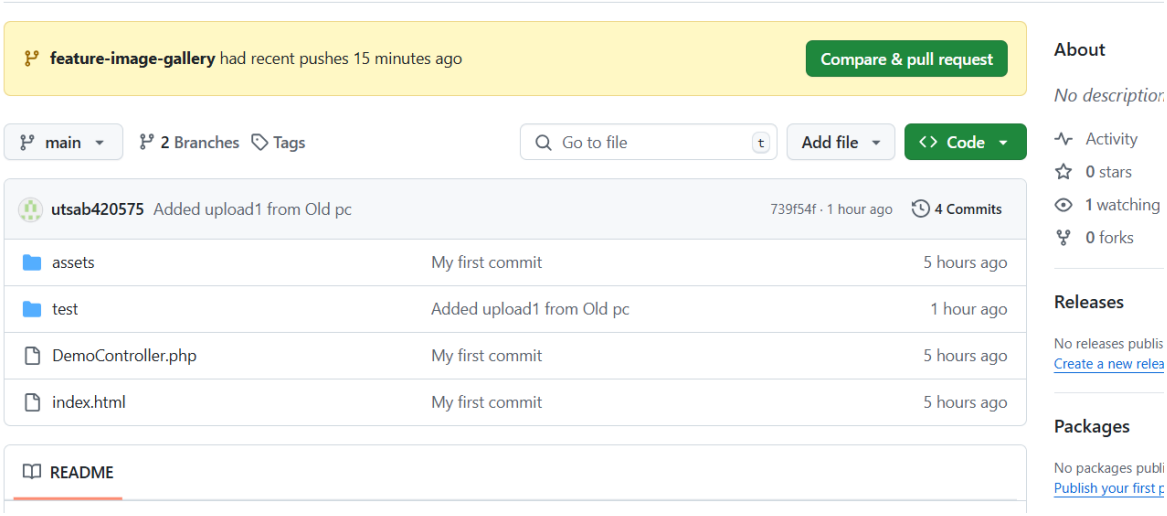
After I think  new branch code is ok which is added by another developer. Now we need to merge with main branch.

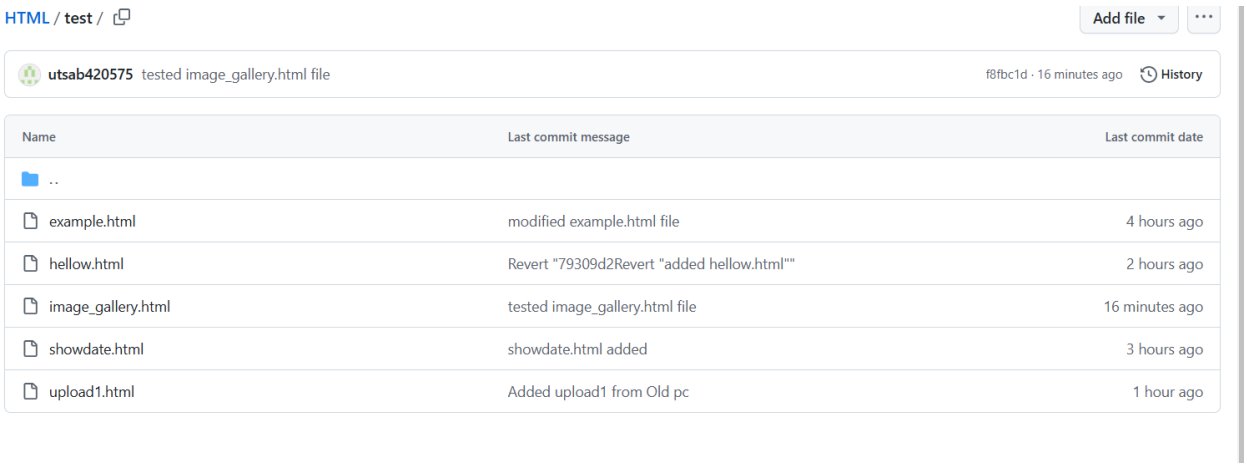
We see that image_gallery.html is in now main branch.




In main branch image_gallery.html is also uploaded.



**10.(optional)** Once you've merged a branch, you can delete it: **Delete the Feature Branch**: Clean up by deleting the branch.

Delete the Local Branch
git branch -d feature-image-gallery

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git branch -d feature-image-gallery
Deleted branch feature-image-gallery (was f8fbc1d).
```

If you want delete branch from github also

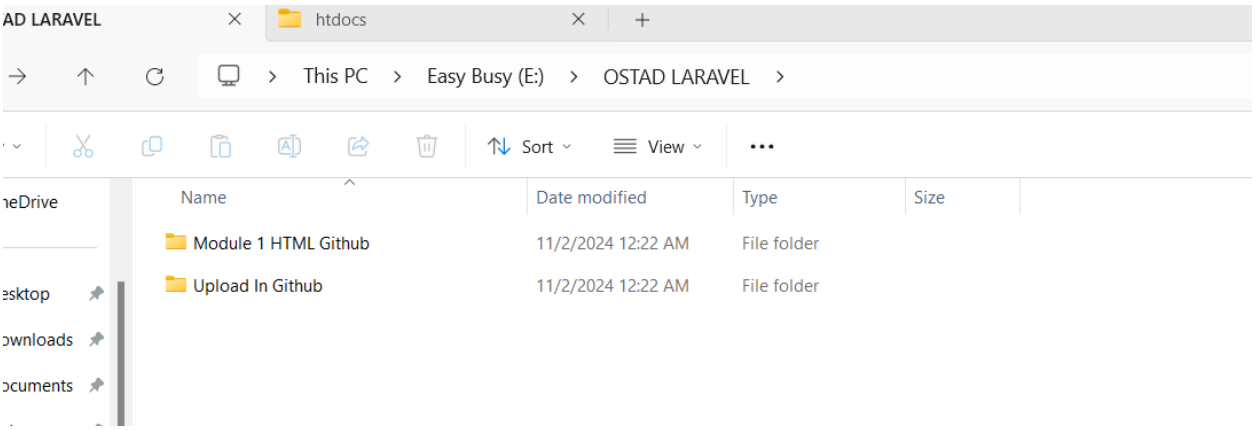
git push origin --delete feature-image-gallery

```
Solaiman Ahmed Hira@DESKTOP-0F9MDKG MINGW64 /c/xampp/htdocs/HTML (main)
$ git push origin --delete feature-image-gallery
To https://github.com/utsab420575/HTML.git
 - [deleted]         feature-image-gallery
```

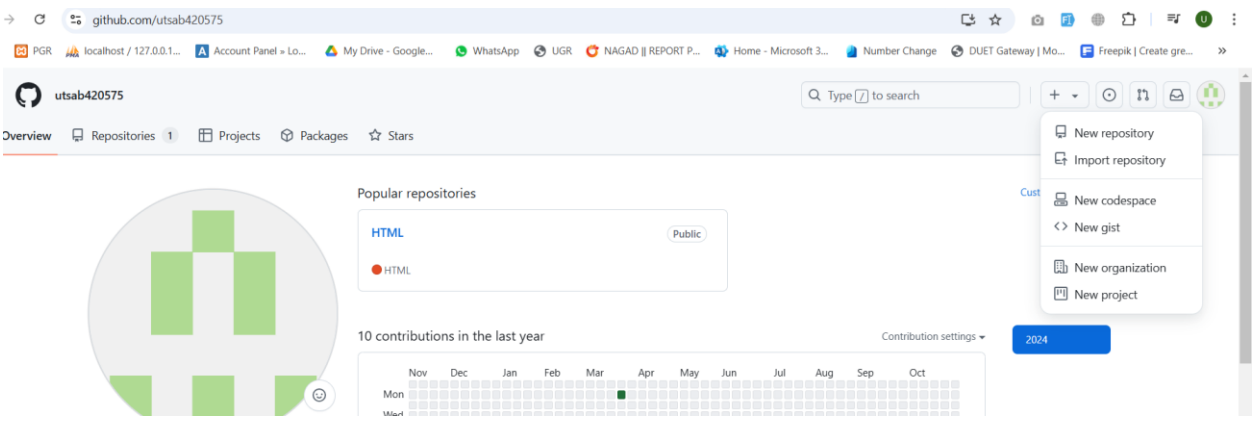
---

Final Example

1. Create folder Upload In Github
this folder content I want to upload into github




2.Create new repository with same name



Owner * Repository name *

utsab420575 / Upload In Github

Your new repository will be created as Upload-In-Github.
The repository name can only contain ASCII letters, digits, and the characters ., -, and _.

Great repository names are short and memorable. Need inspiration? How about super-meme ?

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

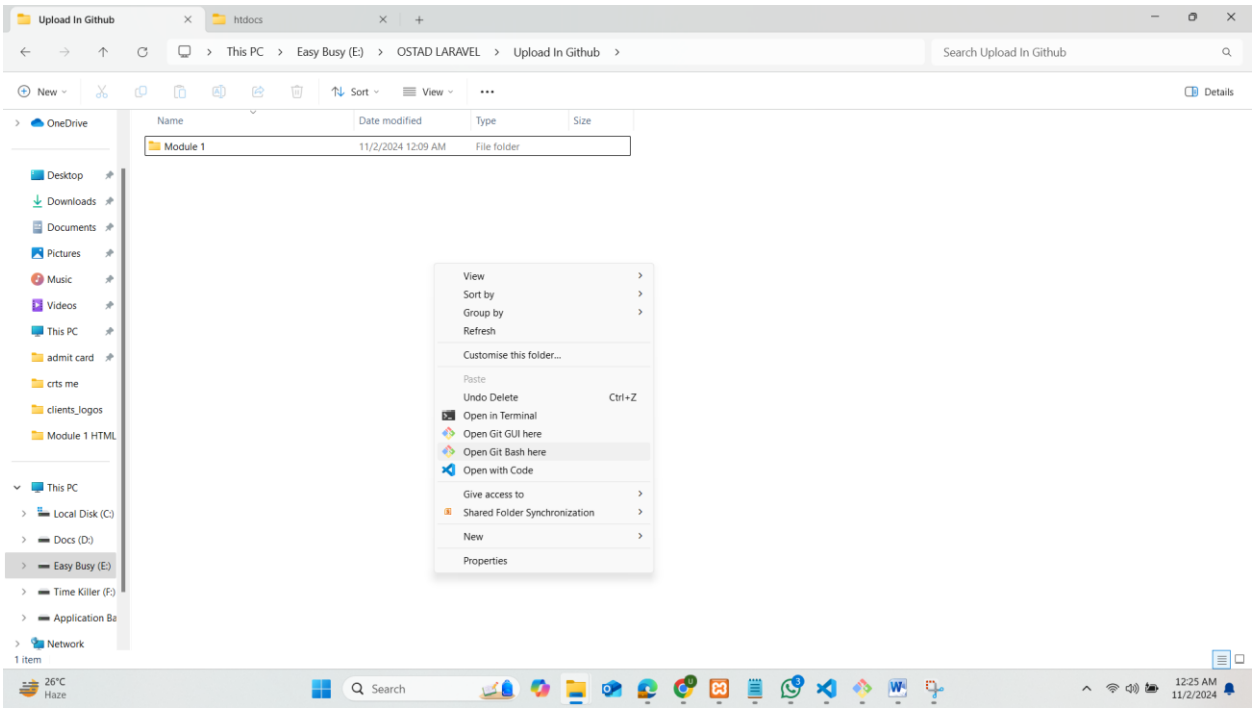
License: None

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

3.Go to inside the folder and click right button and open git bash here



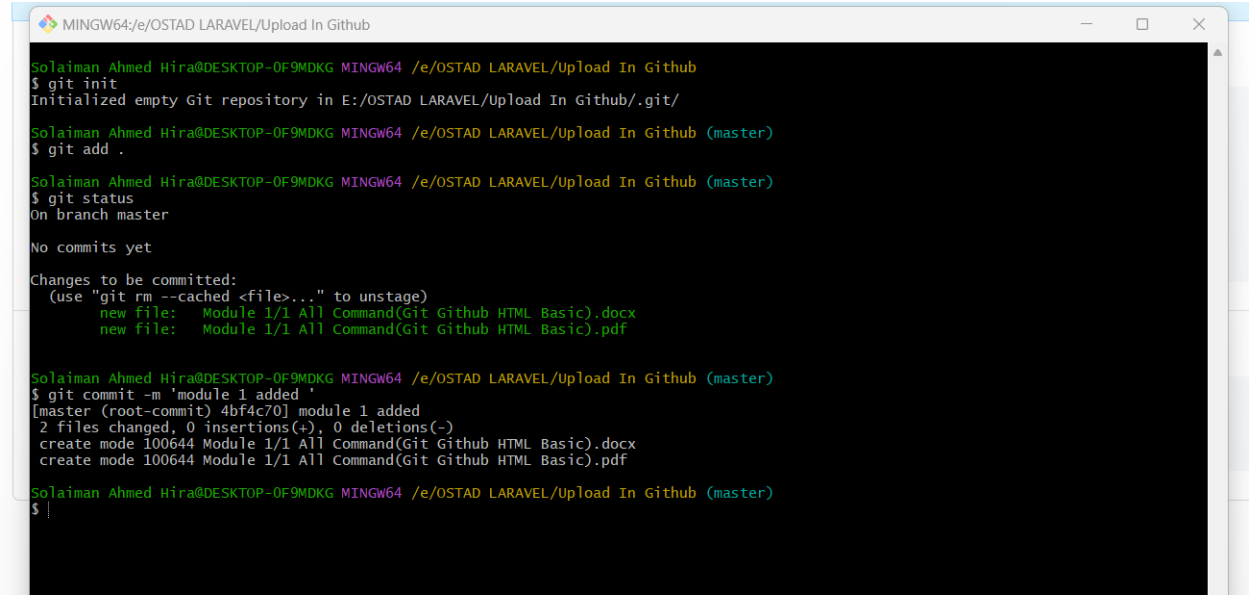

4.Write this code for store into locally

git init

git add .

git status

git commit –m ‘module 1 added’

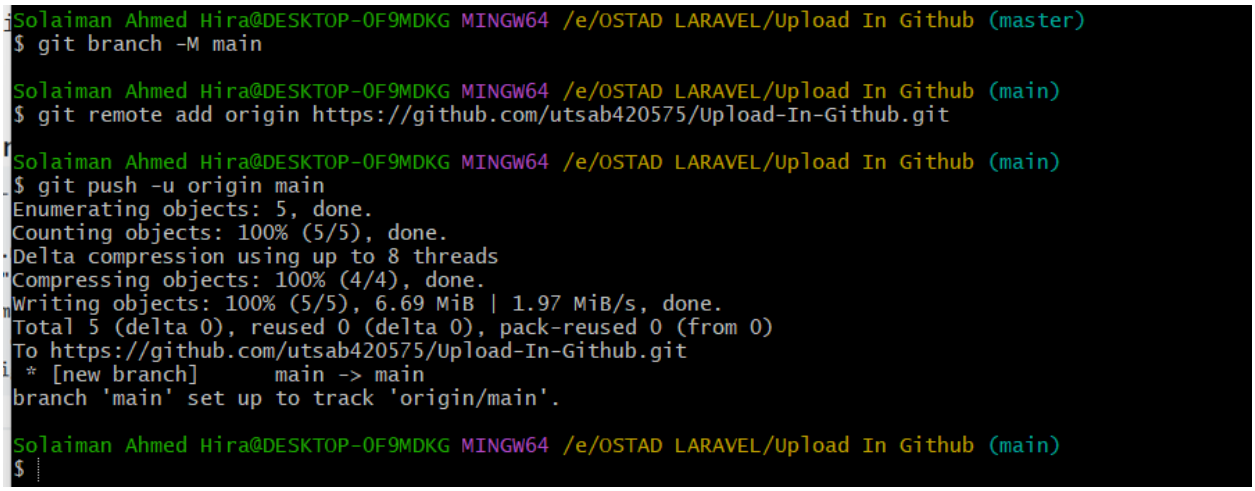



5.Now store into globally(github)

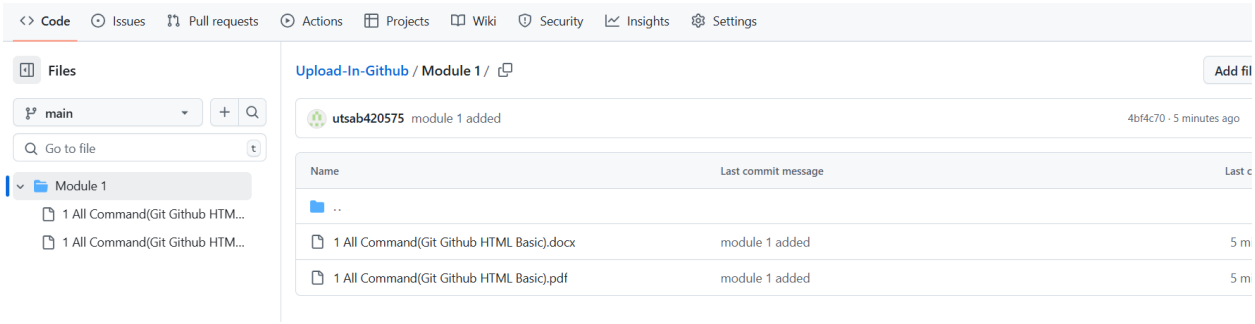
```
git branch -M main
git remote add origin https://github.com/utsab420575/Upload-In-Github.git
git push -u origin main
```

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

```
echo "# Upload-In-Github" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/utsab420575/Upload-In-Github.git
git push -u origin main
```




6.Now data is push into github




//If you modified file and want to upload

```
Solaiman Ahmed Hira@DESKTOP-OF9MDKG MINGW64 /e/OSTAD LARAVEL/Upload In Github (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   Module 1/1 All Command(Git Github HTML Basic).docx
        modified:   Module 1/1 All Command(Git Github HTML Basic).pdf

no changes added to commit (use "git add" and/or "git commit -a")

Solaiman Ahmed Hira@DESKTOP-OF9MDKG MINGW64 /e/OSTAD LARAVEL/Upload In Github (main)
$ git add .

Solaiman Ahmed Hira@DESKTOP-OF9MDKG MINGW64 /e/OSTAD LARAVEL/Upload In Github (main)
$ git commit -m 'Update module 1'
[main d27ff26] Update module 1
 2 files changed, 0 insertions(+), 0 deletions(-)

Solaiman Ahmed Hira@DESKTOP-OF9MDKG MINGW64 /e/OSTAD LARAVEL/Upload In Github (main)
$ git push
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 1.25 MiB | 196.00 KiB/s, done.
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To https://github.com/utsab420575/Upload-In-Github.git
   4bf4c70..d27ff26  main -> main

Solaiman Ahmed Hira@DESKTOP-OF9MDKG MINGW64 /e/OSTAD LARAVEL/Upload In Github (main)
$
```