

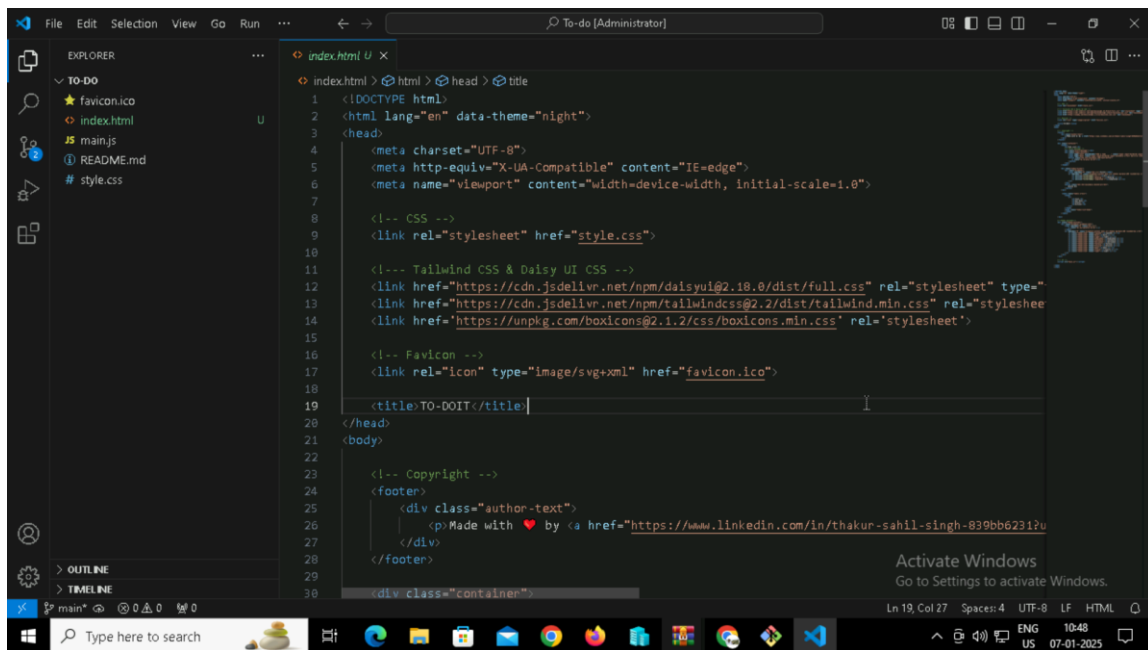
# BEGINNER PROJECT 2 – TO DO LIST

## (FRONTEND)

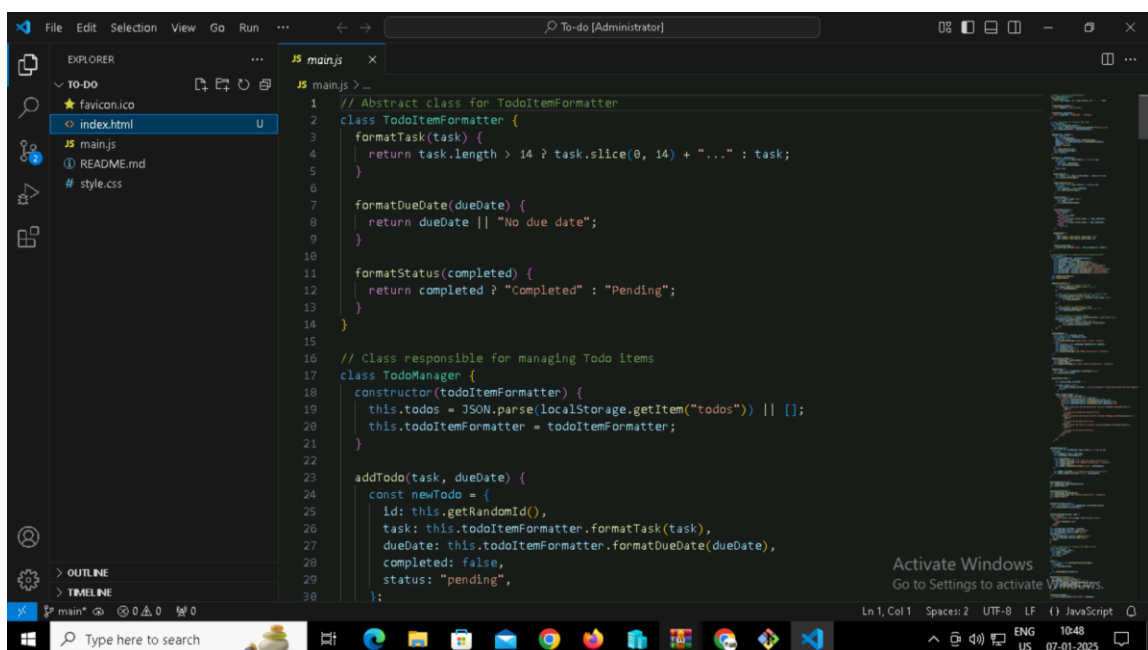
**Step 1:** Write the basic html , css and java script code for your website

**Step 2:** Create a new repository on GitHub and name it as To-do-list

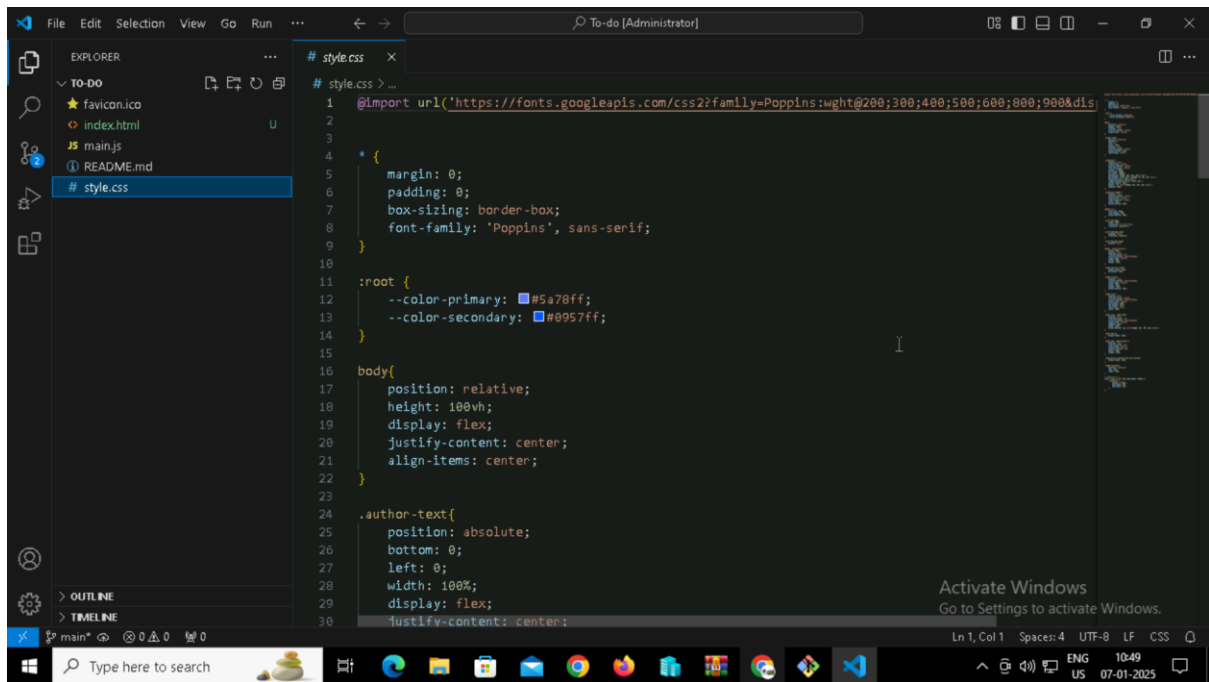
**Step 3:** Make changes to the code based on your preference for the To-do-list.



```
1 <!DOCTYPE html>
2 <html lang="en" data-theme="night">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7
8   <!-- CSS -->
9   <link rel="stylesheet" href="style.css">
10
11   <!-- Tailwind CSS & Daisy UI CSS -->
12   <link href="https://cdn.jsdelivr.net/npm/daisyui@2.18.0/dist/full.css" rel="stylesheet" type="text/css">
13   <link href="https://cdn.jsdelivr.net/npm/tailwindcss@2.2/dist/tailwind.min.css" rel="stylesheet">
14   <link href="https://unpkg.com/boxicons@2.1.2/css/boxicons.min.css" rel="stylesheet">
15
16   <!-- Favicon -->
17   <link rel="icon" type="image/svg+xml" href="favicon.ico">
18
19   <title>TO-DOIT</title>
20 </head>
21 <body>
22
23   <!-- Copyright -->
24   <footer>
25     <div class="author-text">
26       <p>Made With ❤ by <a href="https://www.linkedin.com/in/thakur-sahil-singh-839bb62312u">Sahil Singh</a></p>
27     </div>
28   </footer>
29
30   <div class="container">
```



```
1 // Abstract class for TodoItemFormatter
2 class TodoItemFormatter {
3   formatTask(task) {
4     return task.length > 14 ? task.slice(0, 14) + "...": task;
5   }
6
7   formatDueDate(dueDate) {
8     return dueDate || "No due date";
9   }
10
11   formatStatus(completed) {
12     return completed ? "Completed" : "Pending";
13   }
14 }
15
16 // Class responsible for managing Todo items
17 class TodoManager {
18   constructor(todoItemFormatter) {
19     this.todos = JSON.parse(localStorage.getItem("todos")) || [];
20     this.todoItemFormatter = todoItemFormatter;
21   }
22
23   addTodo(task, dueDate) {
24     const newTodo = {
25       id: this.getRandomId(),
26       task: this.todoItemFormatter.formatTask(task),
27       dueDate: this.todoItemFormatter.formatDueDate(dueDate),
28       completed: false,
29       status: "pending",
30     };
31   }
32 }
```



**Step 4:** Change the working directory to the location where the index.html , styles.css, scripts.js files are saved

```
Administrator@18cfbe74344a5b9 MINGW64 ~ (main)
$ cd D:\To-do
```

**Step 5:** Initiate a Git repository

```
Administrator@18cfbe74344a5b9 MINGW64 /d/To-do
$ git init
Initialized empty Git repository in D:/To-do/.git/
```

## Step 6: Link the local repository to your GitHub Account

```
Administrator@18cfbe74344a5b9 MINGW64 /d/To-do (master)
$ git remote add origin https://github.com/ThakurSahilSingh/To-do-list.git
```

```
Administrator@18cfbe74344a5b9 MINGW64 /d/To-do (master)
$ git pull origin main
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 870 bytes | 66.00 KiB/s, done.
From https://github.com/ThakurSahilSingh/To-do-list
 * branch            main       -> FETCH_HEAD
 * [new branch]      main       -> origin/main
```

```
Administrator@18cfbe74344a5b9 MINGW64 /d/To-do (master)
$ ls
README.md  favicon.ico  'index (1).html'  main.js  style.css
```

## Step 7: Add the files to the staging area

```
Administrator@18cfbe74344a5b9 MINGW64 /d/To-do (master)
$ git add .
warning: in the working copy of 'index (1).html', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'main.js', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'style.css', LF will be replaced by CRLF the next time Git touches it
```

## Step 8: Check whether the files are added to the staging area or not.

```
Administrator@18cfbe74344a5b9 MINGW64 /d/To-do (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   favicon.ico
    new file:   index (1).html
    new file:   main.js
    new file:   style.css
```

**Step 9:** Commit the changes made on the files.

```
Administrator@18cfbe74344a5b9 MINGW64 /d/To-do (master)
$ git commit -m intial-files
[master b8c1b4f] intial-files
4 files changed, 558 insertions(+)
create mode 100644 favicon.ico
create mode 100644 index (1).html
create mode 100644 main.js
create mode 100644 style.css
```

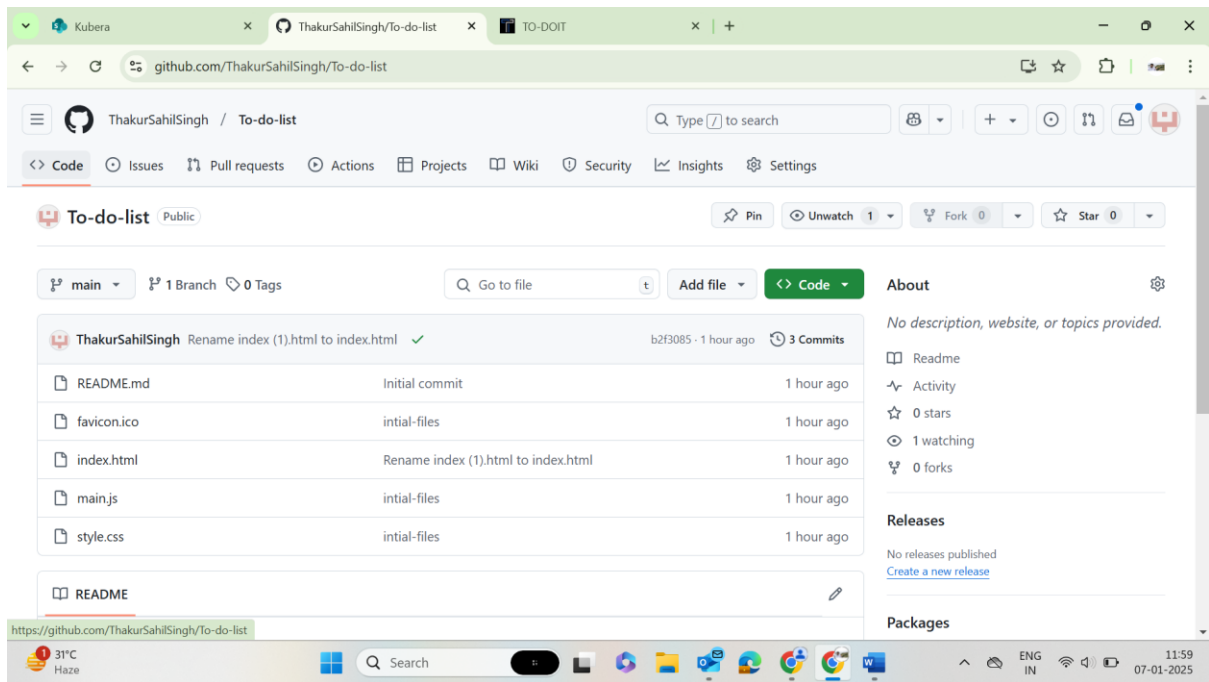
**Step 10:** Rename the master branch to main (because in github the default branch is main )

```
Administrator@18cfbe74344a5b9 MINGW64 /d/To-do (master)
$ git branch
* master

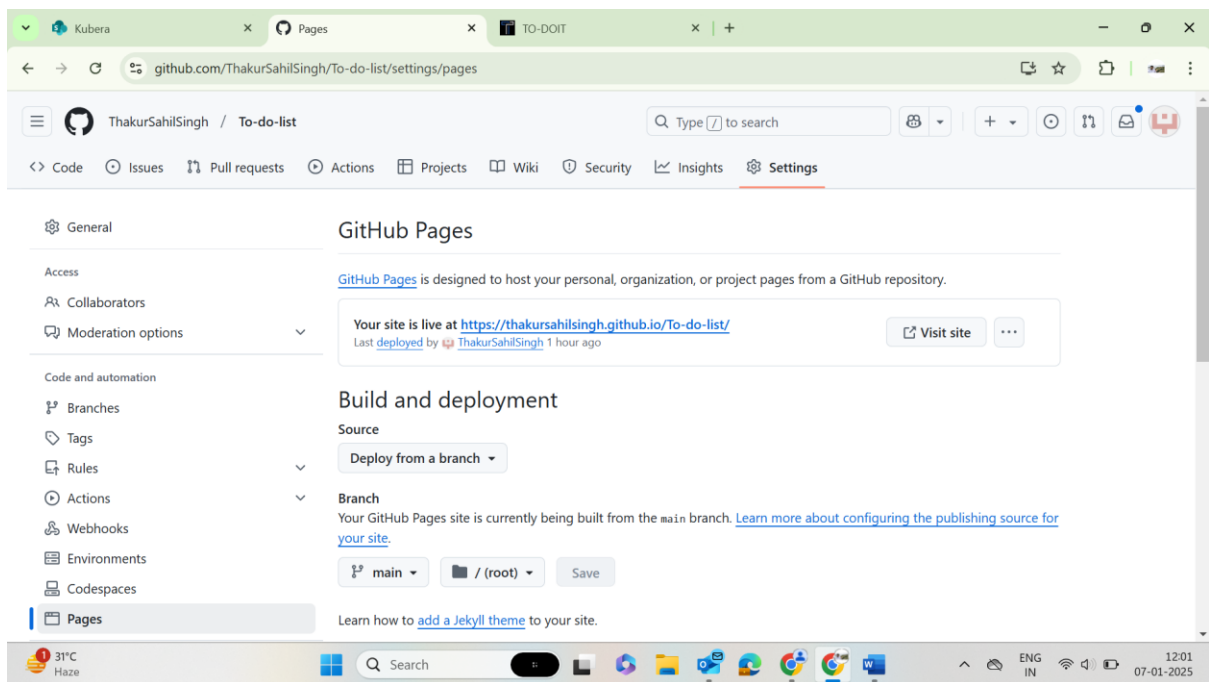
Administrator@18cfbe74344a5b9 MINGW64 /d/To-do (master)
$ git branch -m master main
```

**Step 11:** Push the files to GitHub

```
Administrator@18cfbe74344a5b9 MINGW64 /d/To-do (main)
$ git push origin main
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 6.03 KiB | 1.51 MiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/ThakurSahilSingh/To-do-list.git
1be15ad..b8c1b4f  main -> main
```



## Step 12: Host the site on GitHub using Pages



## Website Snapshots:

