

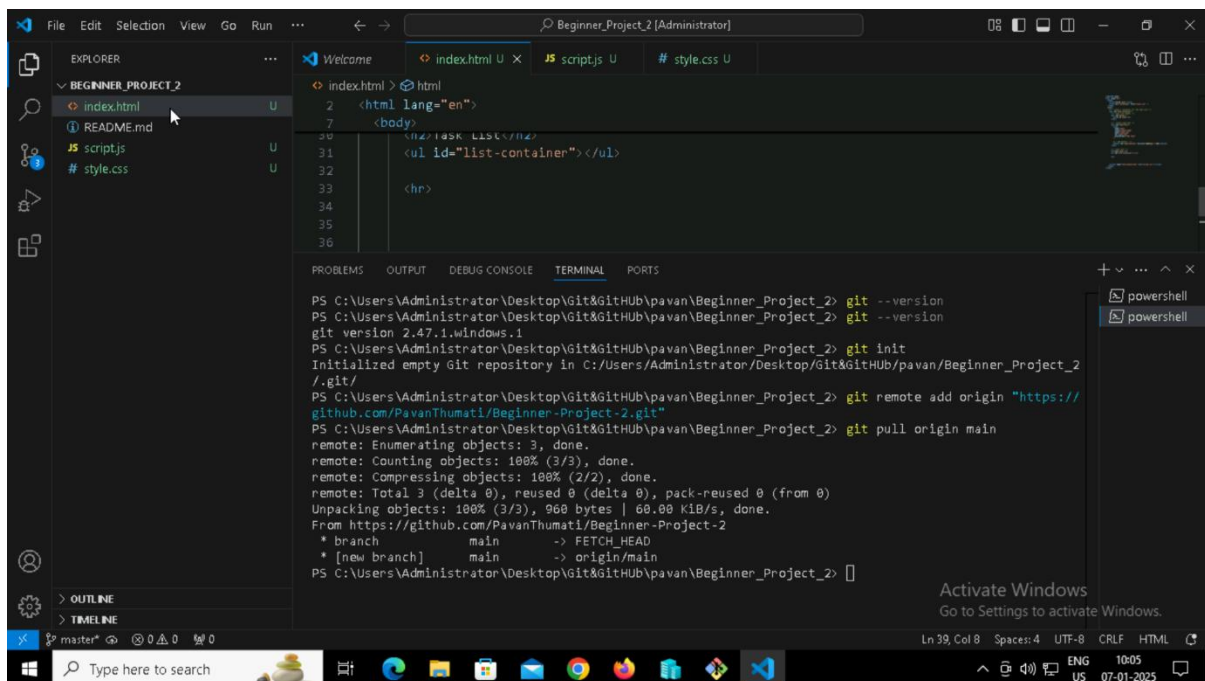
**Step 1:** Create a GitHub Repository naming it as Beginner-Project-2 (public)

**Step-2:** Open the git bash/VS code terminal.

**Step-3:** Initialize Git in the project folder using **git init** in VS Code terminal.

**Step-4:** Connect the remote repo on GitHub to the Vs code by using the command “**git remote add origin “link”**” (Link is available in GitHub under code button).

**Step-5:** Use “**git pull origin main**” command to pull the files (like readme) from the remote repo to local repo.

The screenshot shows the Visual Studio Code interface with a project named 'BEGINNER\_PROJECT\_2'. The Explorer pane on the left shows files: index.html, README.md, script.js, and style.css. The main editor shows the content of index.html. The integrated terminal at the bottom displays the following commands and output:

```
PS C:\Users\Administrator\Desktop\Git&GitHub\pavan\Beginner_Project_2> git --version
git version 2.47.1.windows.1
PS C:\Users\Administrator\Desktop\Git&GitHub\pavan\Beginner_Project_2> git init
Initialized empty Git repository in C:\Users\Administrator\Desktop\Git&GitHub\pavan\Beginner_Project_2\.git\
PS C:\Users\Administrator\Desktop\Git&GitHub\pavan\Beginner_Project_2> git remote add origin "https://github.com/PavanThumati/Beginner-Project-2.git"
PS C:\Users\Administrator\Desktop\Git&GitHub\pavan\Beginner_Project_2> git pull origin main
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 960 bytes | 60.00 KiB/s, done.
From https://github.com/PavanThumati/Beginner-Project-2
* branch      main      -> FETCH_HEAD
* [new branch] main      -> origin/main
PS C:\Users\Administrator\Desktop\Git&GitHub\pavan\Beginner_Project_2>
```

Figure 1: Initial commands.

**Step-7:** Create the files (index.html, style.css, and script.js) into the staging area by using “**git add .**”.

**Step-8:** To know the status of the files that are added to staging area type the “**git status**” command.

**Step-9:** Commit the changes by using “**git commit -m “Initial commit of web app”**”.

**Step-10:** Now push the files that are committed (saved) previously by using “**git push origin main**” command. Check whether the files have come/updated to GitHub if any error occurs follow the previous steps.

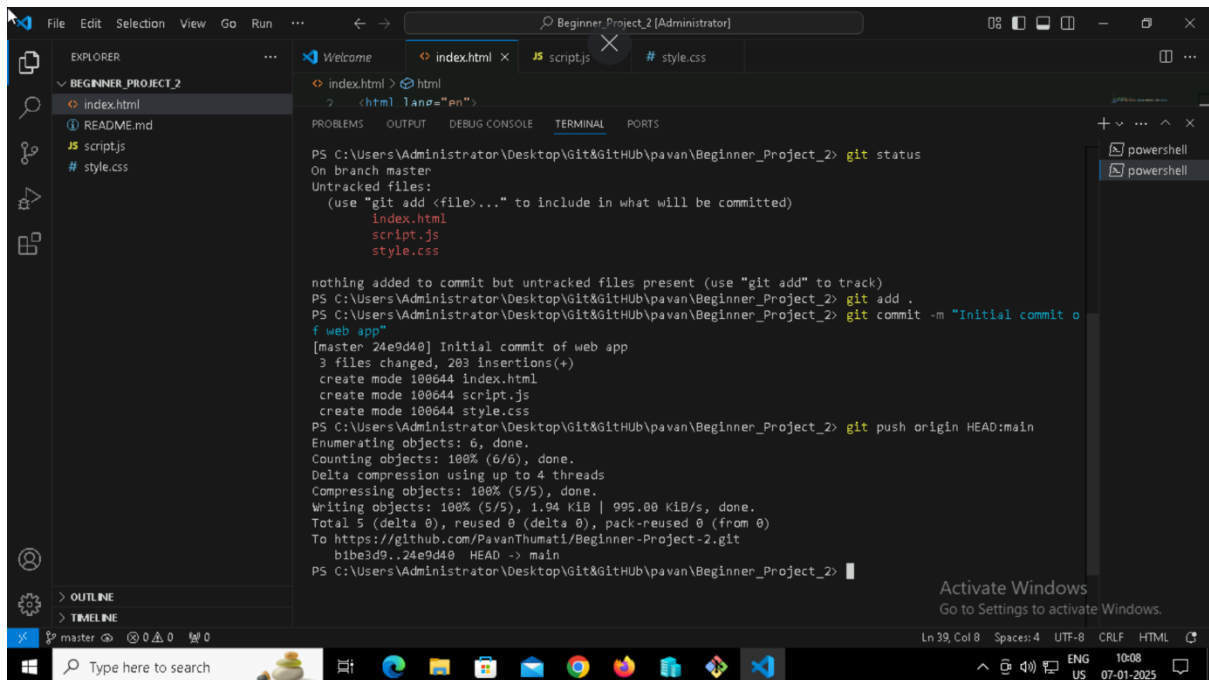


Figure 2:Pushing to GITHUB.

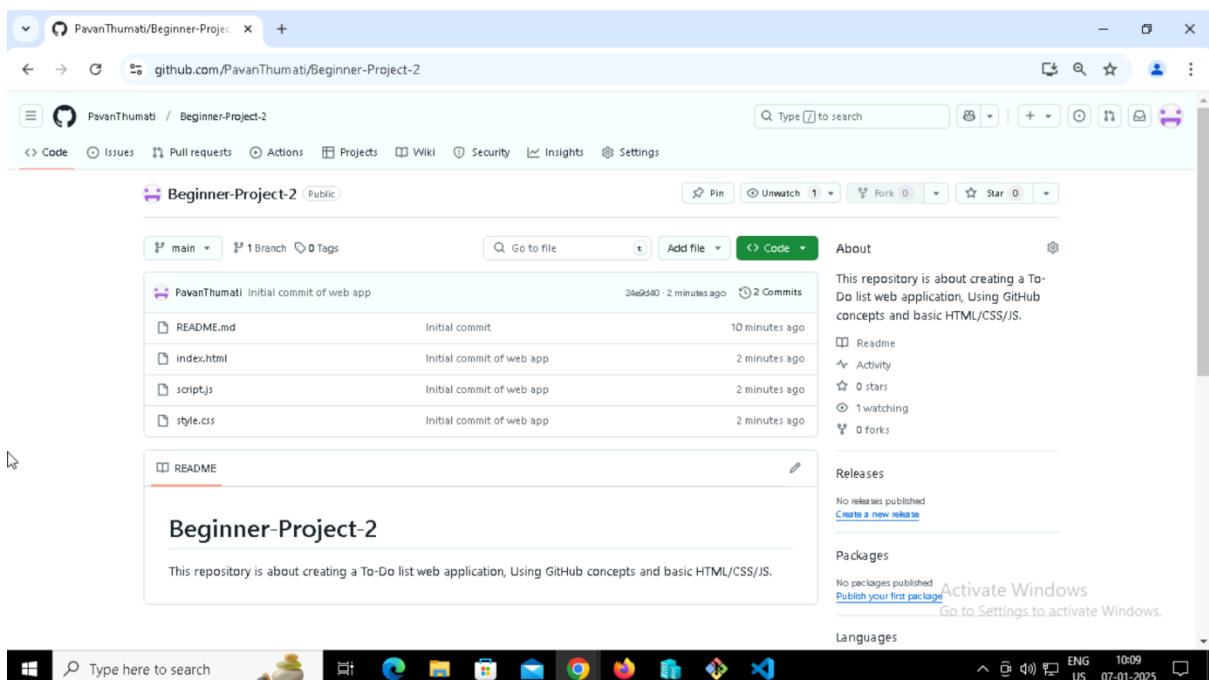


Figure 3: GitHub repo after pushing file.

**Step-11:** Go to settings -> pages and select the main branch and click save to deploy and after the completion of deployment click on the link provided by GitHub.

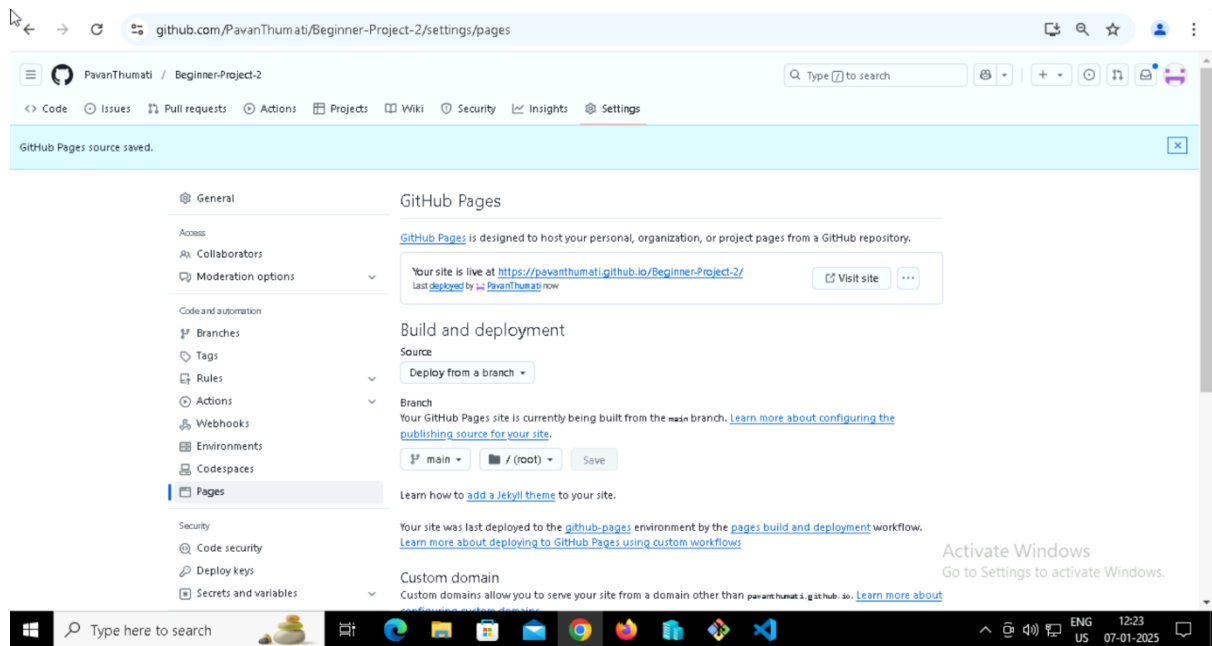


Figure 4: Link Created

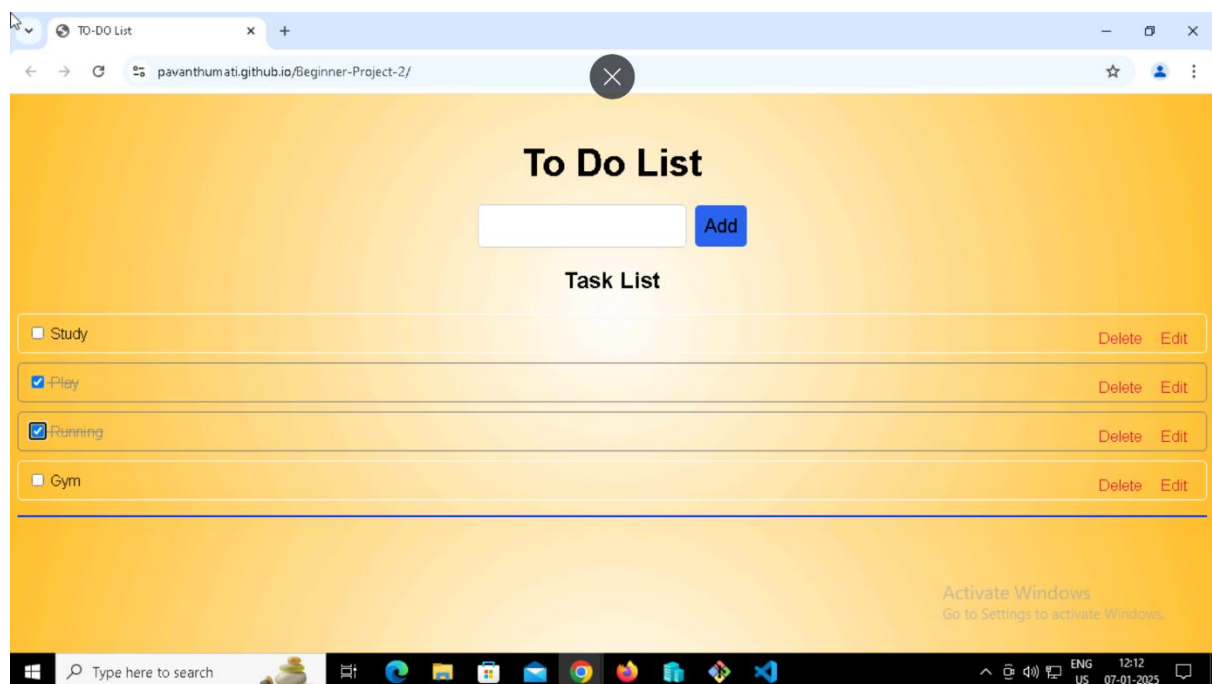
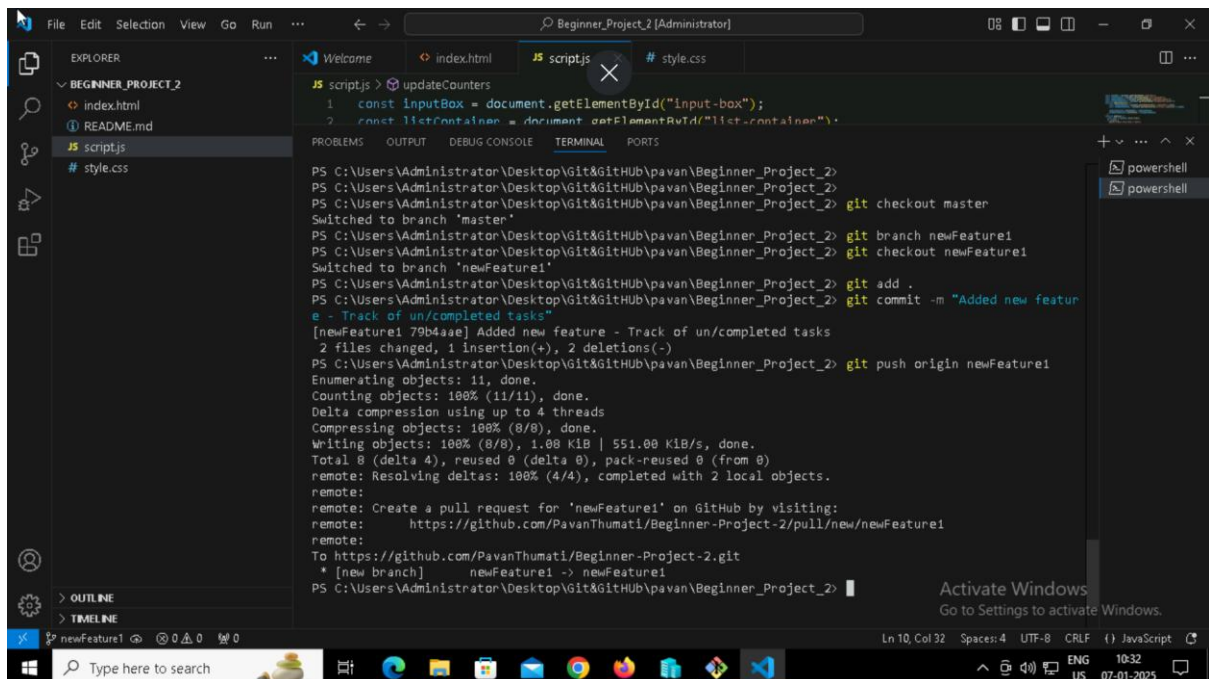


Figure 5: Web Application

**Step-12:** Add the new branch using “`git branch newFeature1`” command.

**Step-13:** Move to or check out the new branch to make the changes in HTML, JavaScript files.

**Step-14:** After adding new feature to the file, repeat the steps 7, 8, 9, and 10 (adding, committing, and pushing the files into new branch).



```
PS C:\Users\Administrator\Desktop\Git\GitHub\pavan\Beginner_Project_2>
PS C:\Users\Administrator\Desktop\Git\GitHub\pavan\Beginner_Project_2>
PS C:\Users\Administrator\Desktop\Git\GitHub\pavan\Beginner_Project_2> git checkout master
Switched to branch 'master'
PS C:\Users\Administrator\Desktop\Git\GitHub\pavan\Beginner_Project_2> git branch newFeature1
PS C:\Users\Administrator\Desktop\Git\GitHub\pavan\Beginner_Project_2> git checkout newFeature1
Switched to branch 'newFeature1'
PS C:\Users\Administrator\Desktop\Git\GitHub\pavan\Beginner_Project_2> git add .
PS C:\Users\Administrator\Desktop\Git\GitHub\pavan\Beginner_Project_2> git commit -m "Added new feature - Track of un/completed tasks"
[newFeature1 79b4aae] Added new feature - Track of un/completed tasks
2 files changed, 1 insertion(+), 2 deletions(-)
PS C:\Users\Administrator\Desktop\Git\GitHub\pavan\Beginner_Project_2> git push origin newFeature1
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 4 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (8/8), 1.08 KiB | 551.00 KiB/s, done.
Total 8 (delta 4), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (4/4), completed with 2 local objects.
remote:
remote: Create a pull request for 'newFeature1' on GitHub by visiting:
remote:   https://github.com/PavanThumati/Beginner-Project-2/pull/new/newFeature1
remote:
To https://github.com/PavanThumati/Beginner-Project-2.git
 * [new branch]      newFeature1 -> newFeature1
PS C:\Users\Administrator\Desktop\Git\GitHub\pavan\Beginner_Project_2>
```

Figure 6: Adding, committing & pushing.

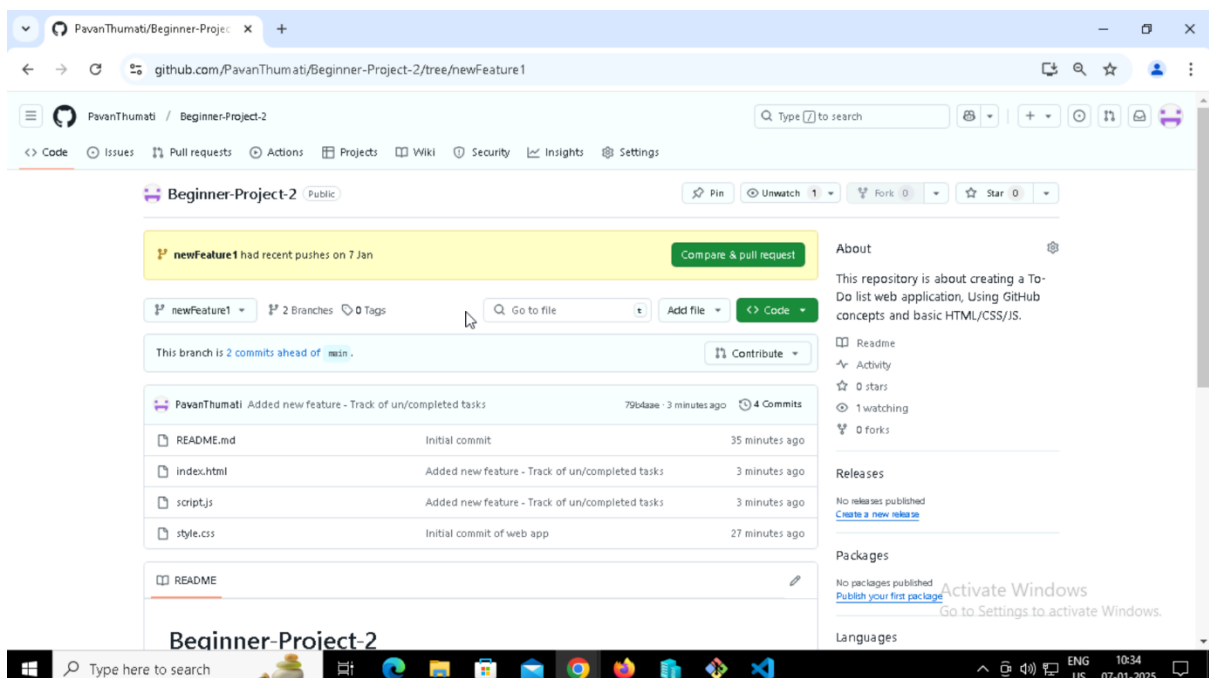


Figure 7: GitHub repo after pushing file.

**Step-15:** In GitHub repo create the pull request from new branch to compare the changes with main branch files.

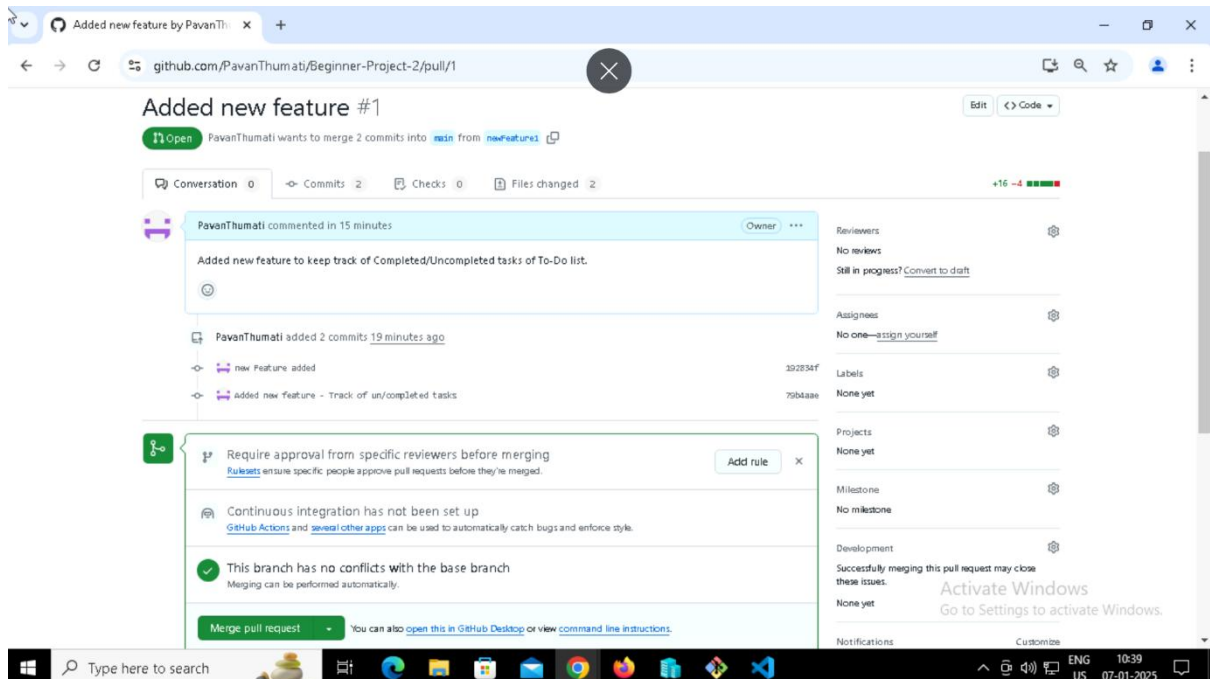


Figure 8: Pull request created.

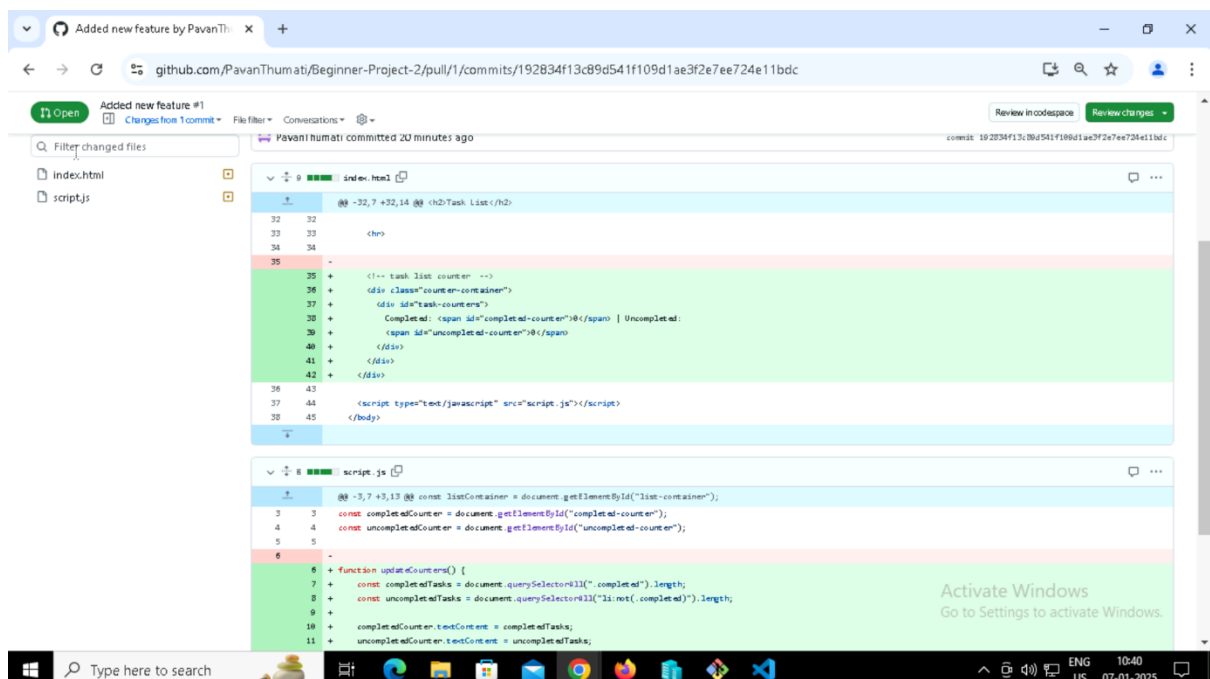


Figure 9: Comparing the changes with main branch's files.

**Step-16:** Merge the changes to the main branch.

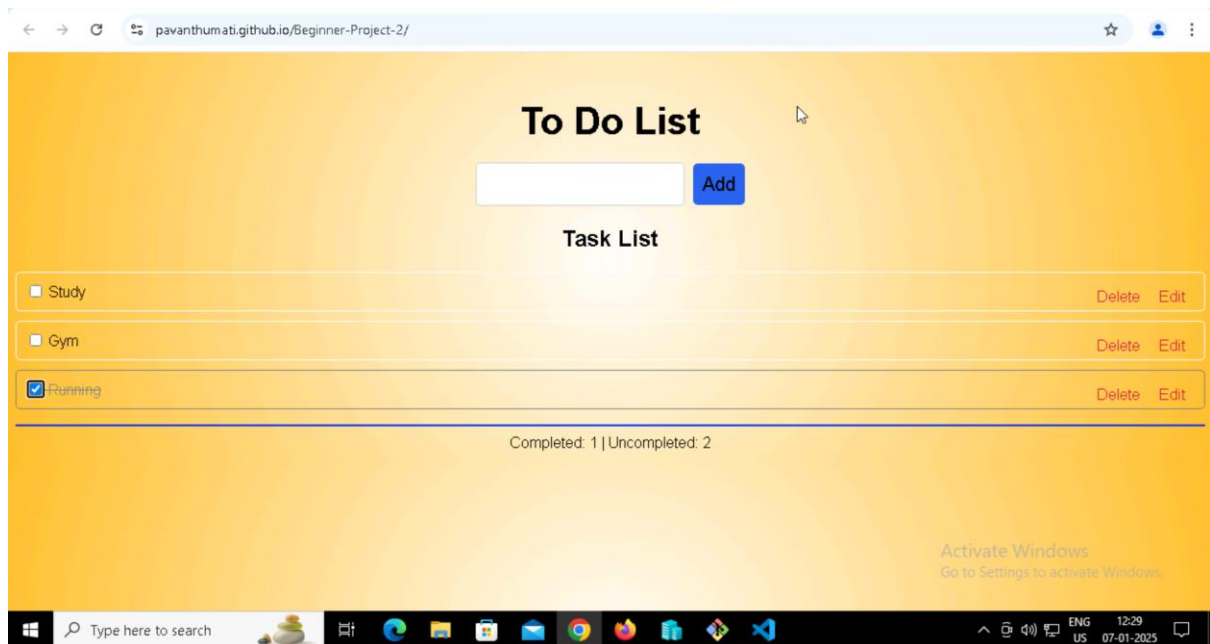


Figure 10: Web app after adding new feature.