Task-6: Static Website Hosting with GitHub Pages

Objective: The objective of this task is to design and deploy a simple static HTML + CSS website and host it for free using GitHub Pages.

Tools & Technologies Used:

- HTML5 – For website structure.
- CSS3 – For styling and layout.
- GitHub Pages – For free website hosting.
- Git – For version control and pushing code to the repository.

Project Description:

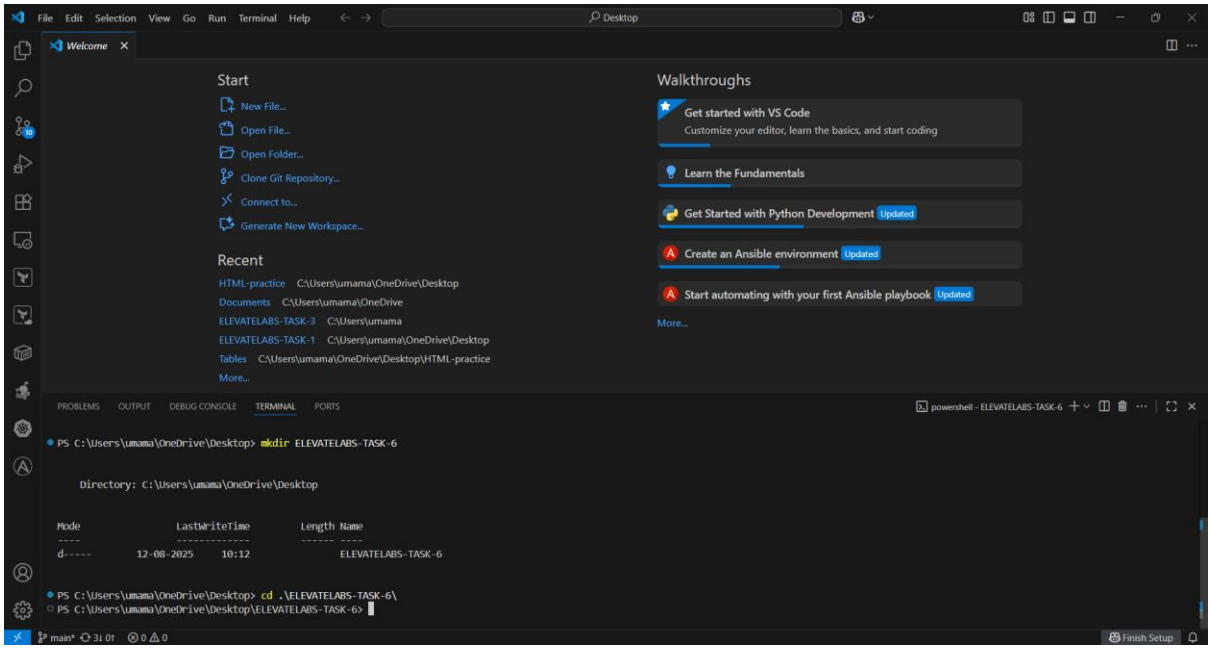
This project is a static portfolio-style website consisting of:

- A header with the title and purpose.
- A main section with project description and benefits of GitHub Pages.
- A footer with credits and copyright.

Implementation Steps:

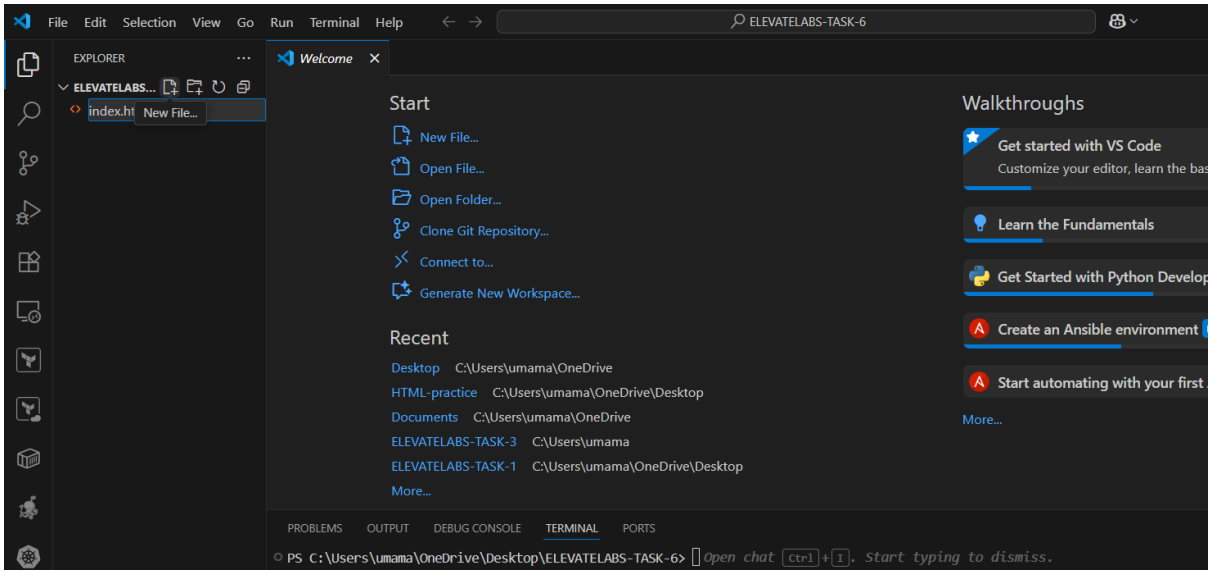
Step 1 – Create Project Folder Locally

Create a folder on your computer named: ELEVATELABS-TASK-6



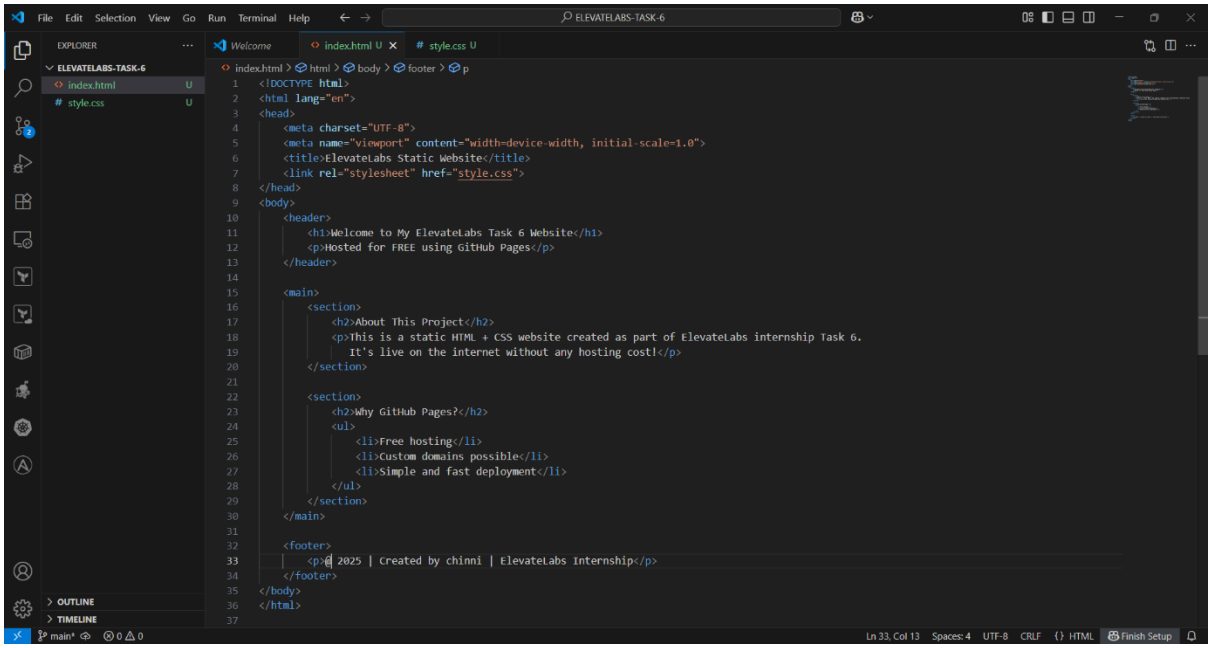
Inside it, create two files: index.html, style.css

At upper left corner we can create the new files.



Step 2 – Create HTML File

- Designed index.html with proper HTML5 structure.
- Added header, main, and footer sections.
- Used semantic tags for better readability.

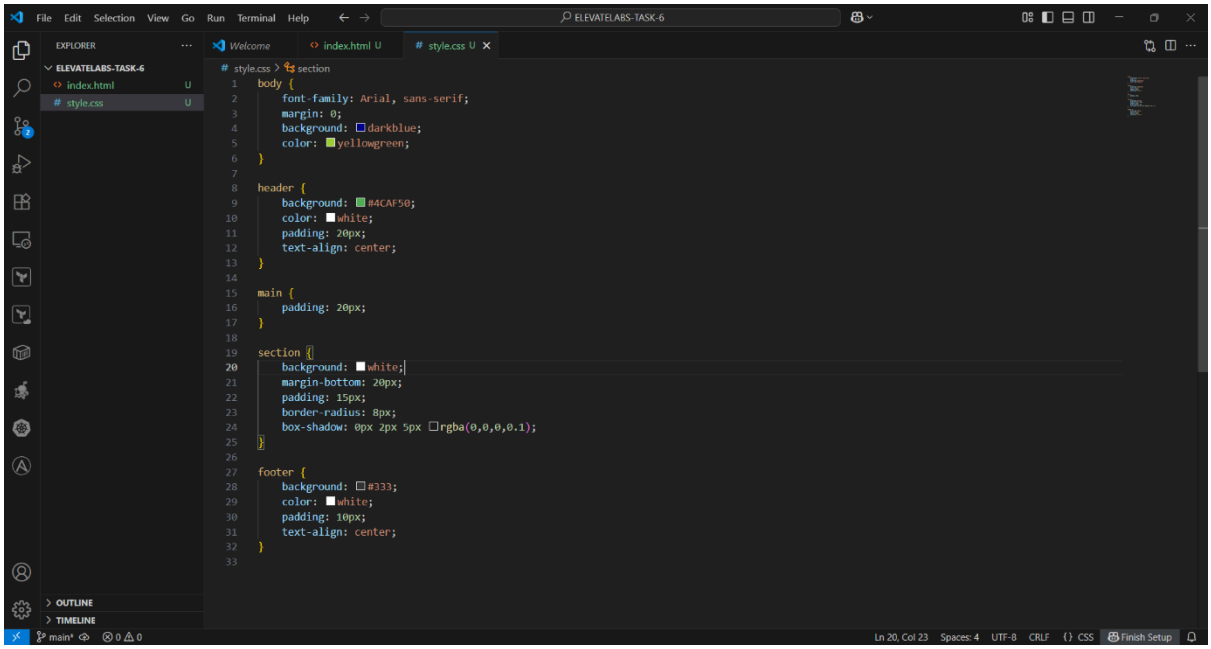


Step 3 – Create CSS File

Created style.css for styling.

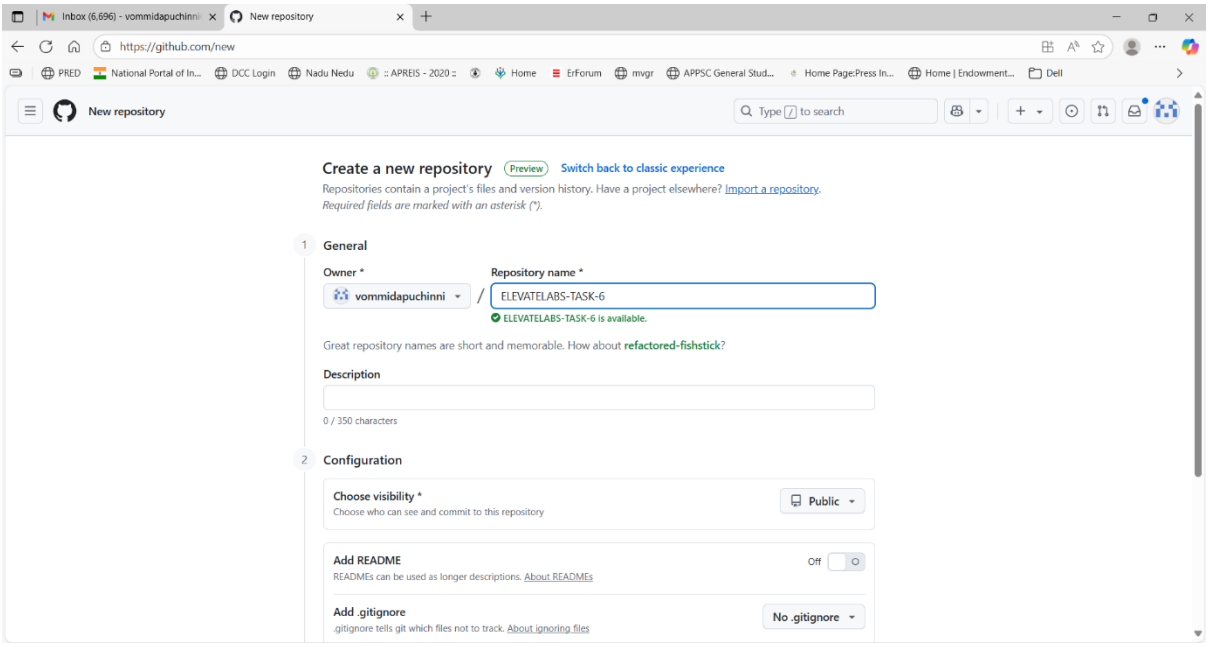
Applied:

- Background colors
- Text colors
- Padding and margins
- Box shadows and rounded corners

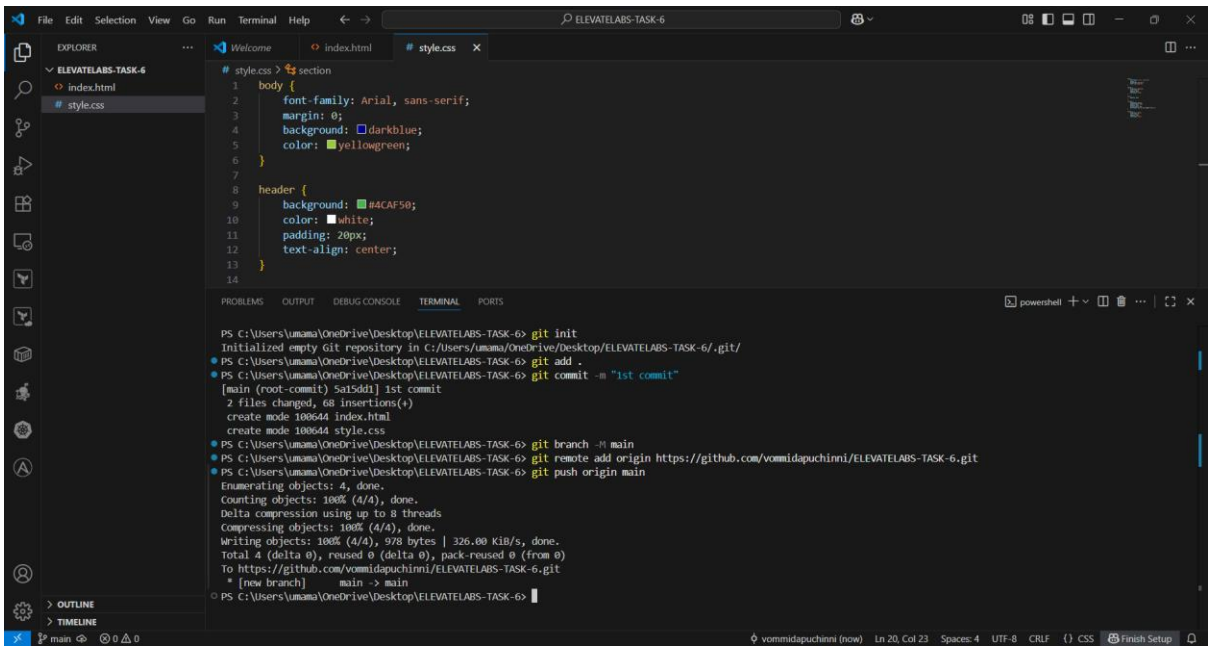


Step 4 – Push Code to GitHub

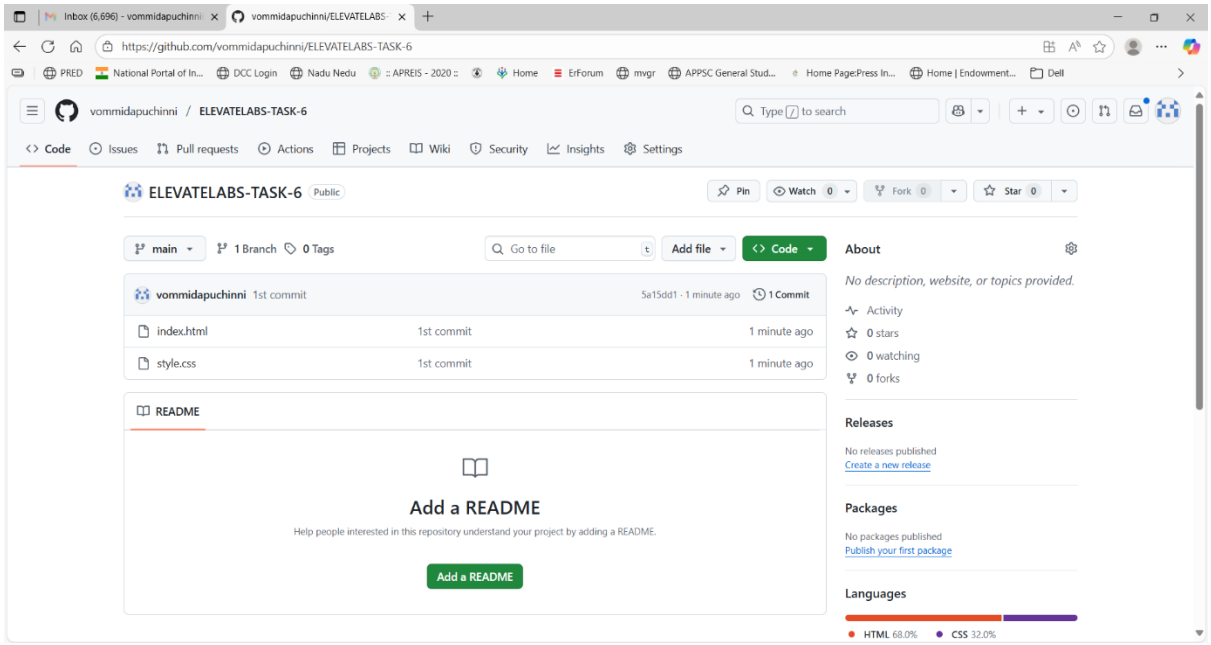
1. Created a new repository (ELEVATELABS-TASK-6).



Push files using git init, git add ., git commit -m “1st commit”, git push origin main.



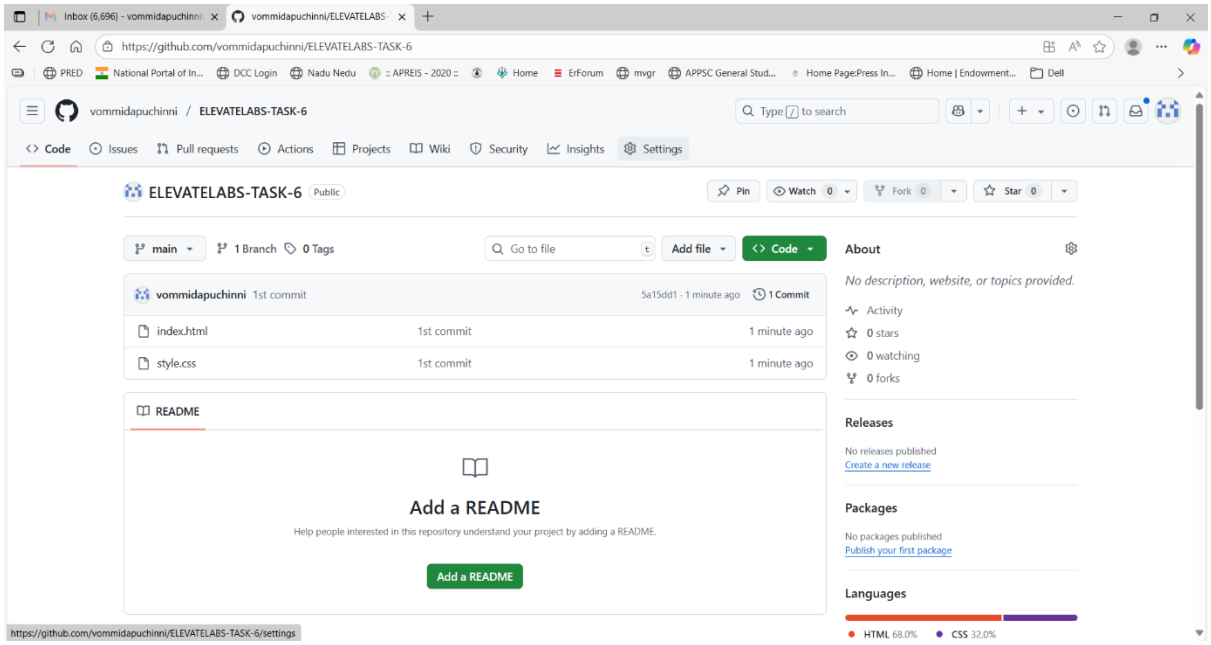
we can see files are pushed



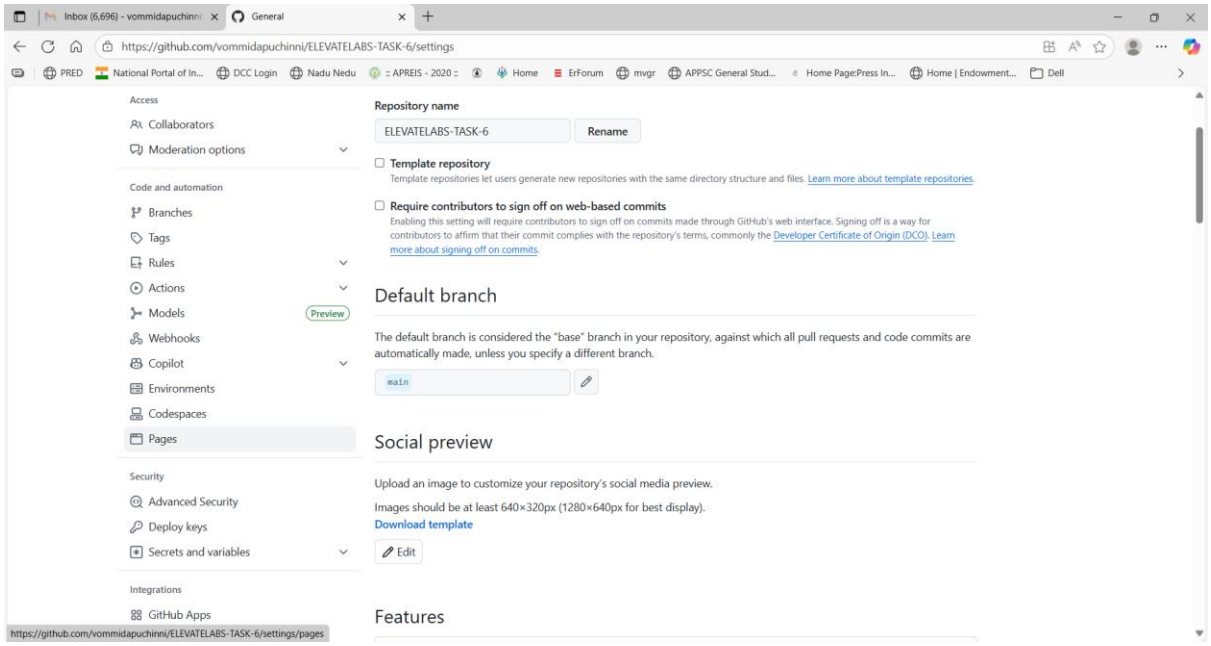
Step 5 – Deploy Using GitHub Pages

Enable GitHub Pages

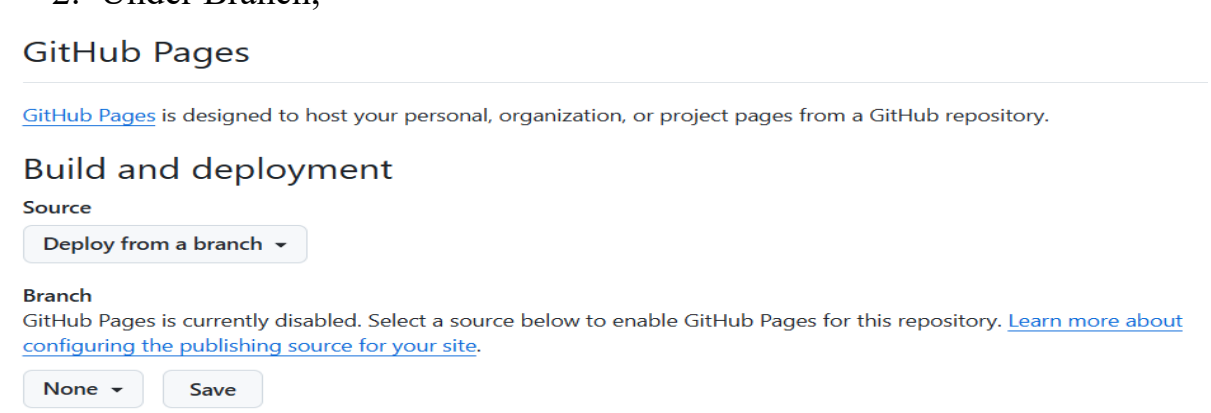
1. Go to your repo → Settings



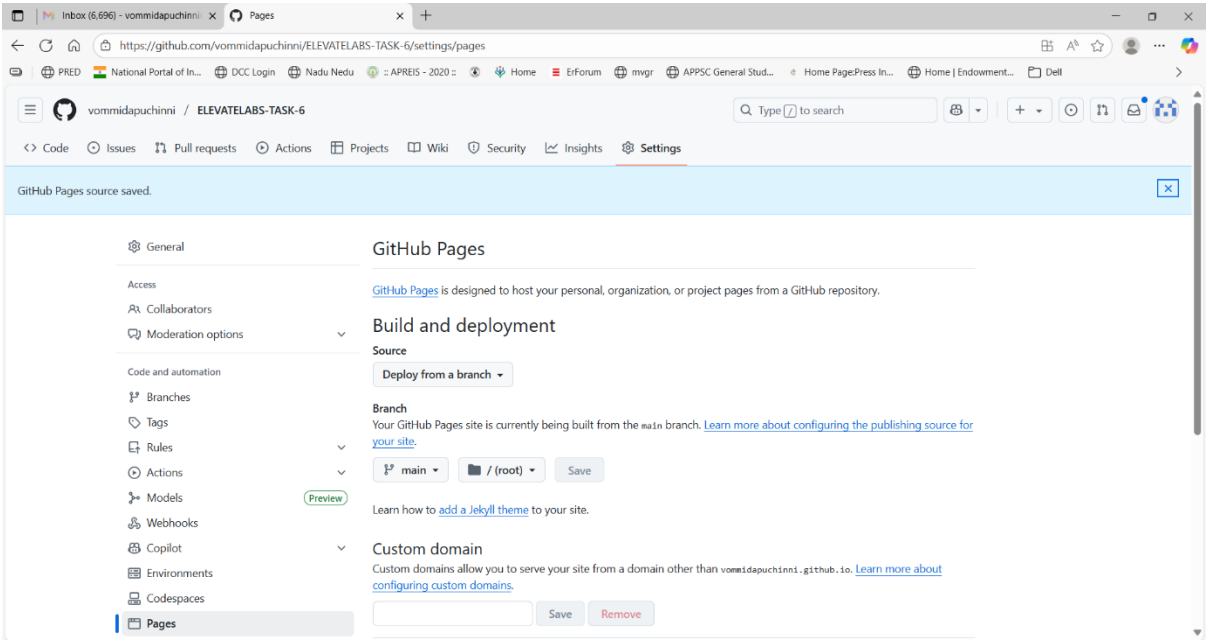
→ Pages.



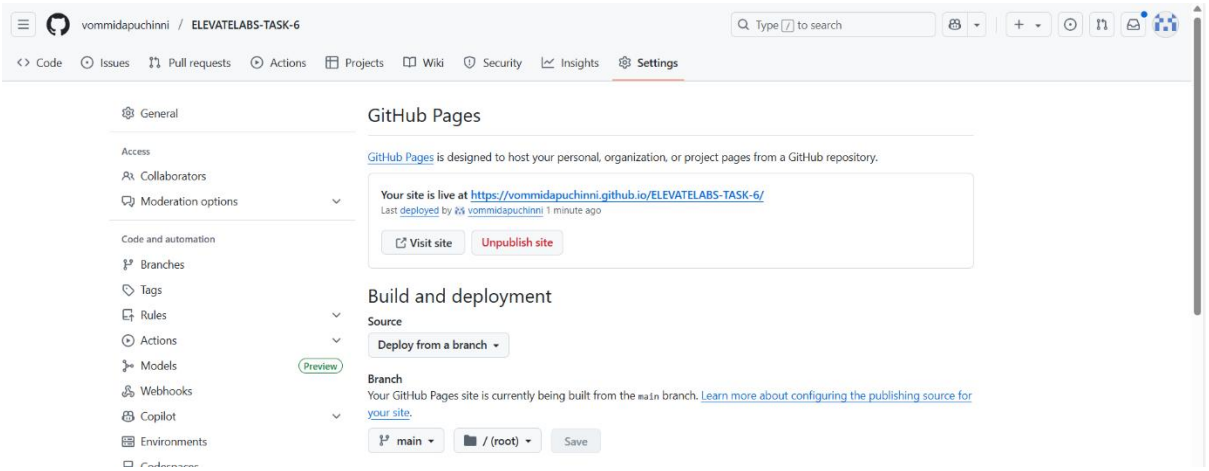
2. Under Branch,



select main and root folder.



3. Click Save.
4. Wait a few seconds — your live site link will appear



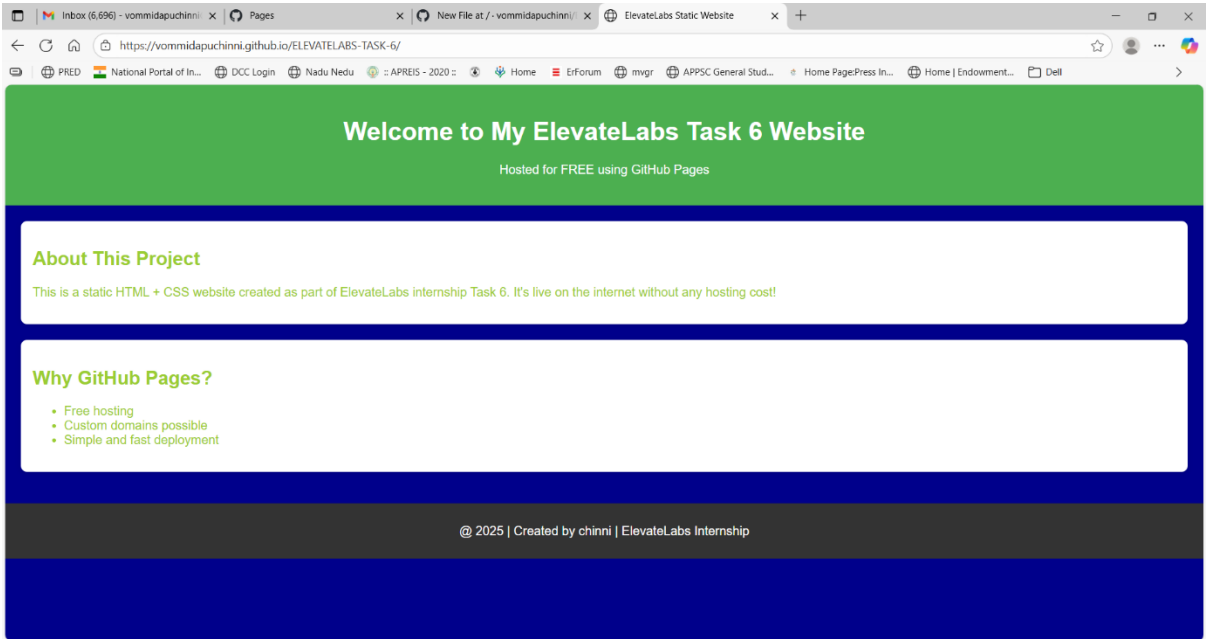
Key Concepts Learned

- How to structure a static webpage using HTML5.
- Applying CSS3 for styling and layout.
- Hosting a website for free with GitHub Pages.
- Using Git and GitHub for version control.

Output

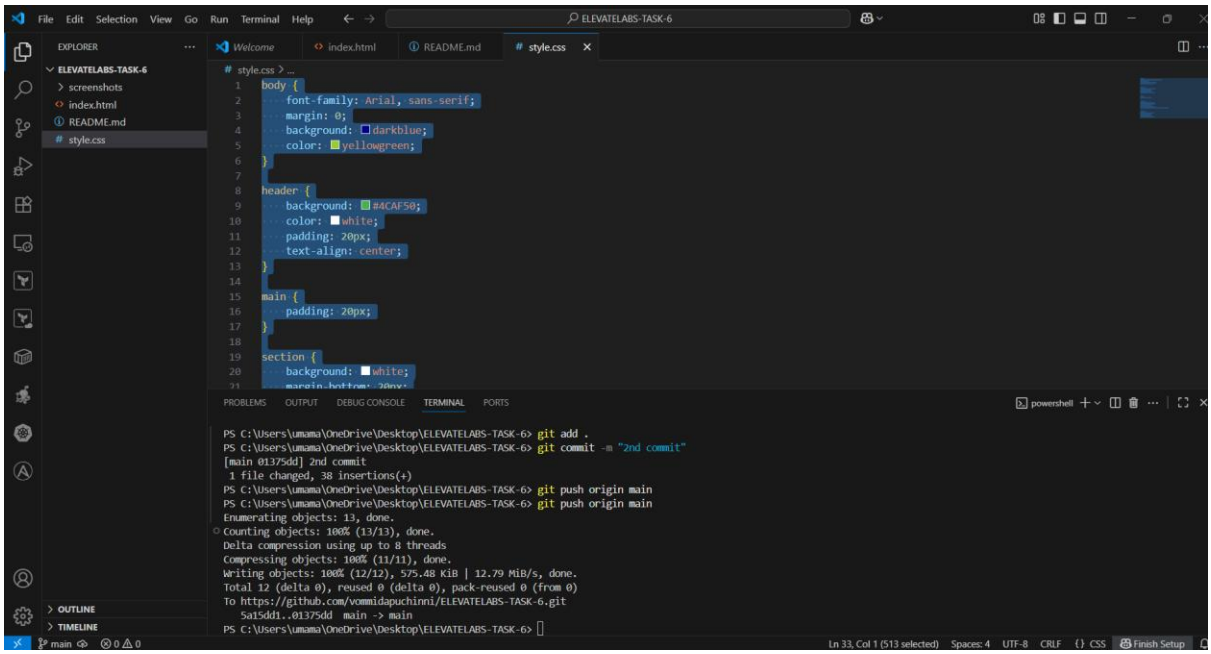
- **Live Website:**

https://vommidapuchinni.github.io/ELEVATELABS-TASK-6/



Added README.md file and screenshots

Those are pushed to git



Conclusion

This task demonstrated the complete process of creating and deploying a static website using HTML, CSS, and GitHub Pages, providing hands-on experience in web development and cloud hosting.