

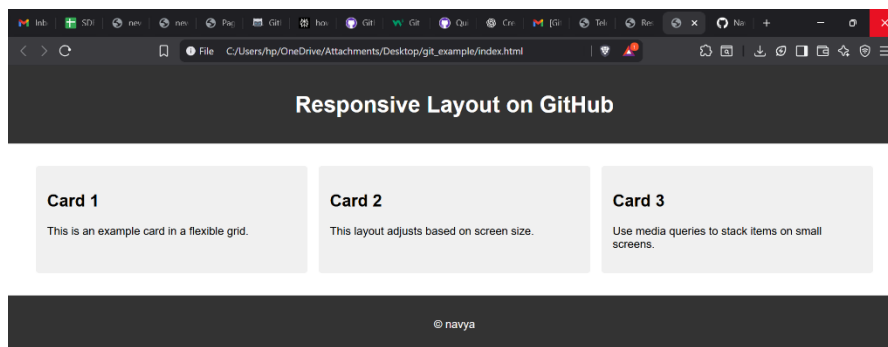
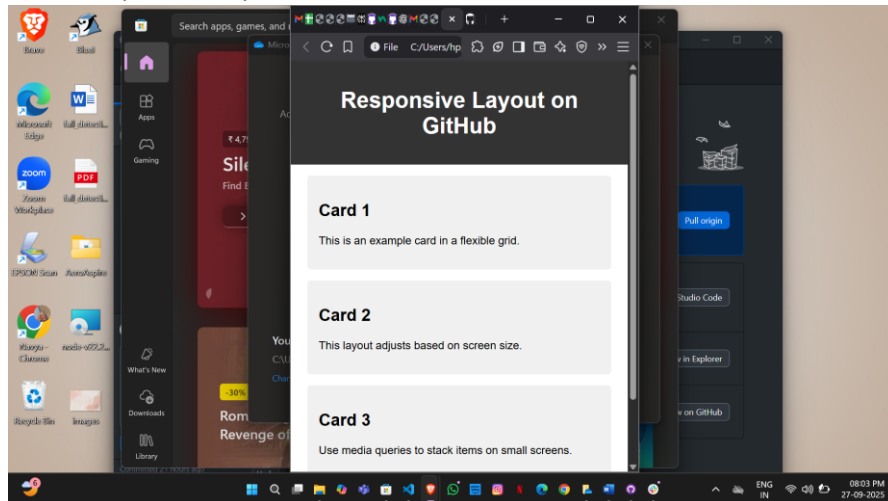
NAVYA NARAYAN PANICKER

WEEK 1

DAY 4: 26/09/25 [FRIDAY]

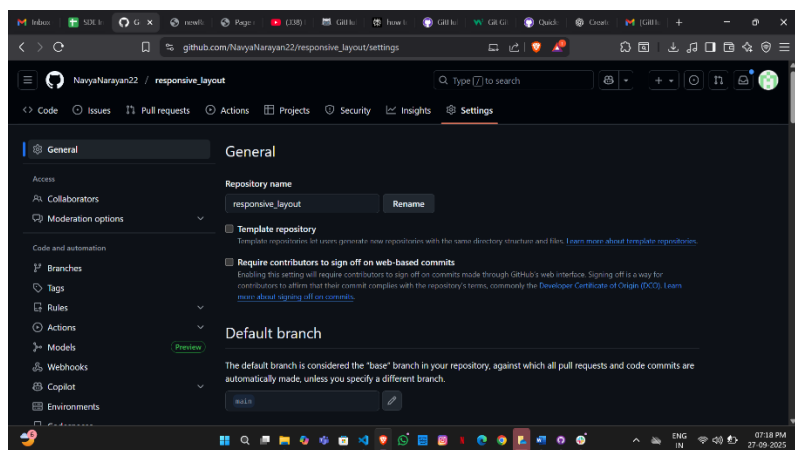
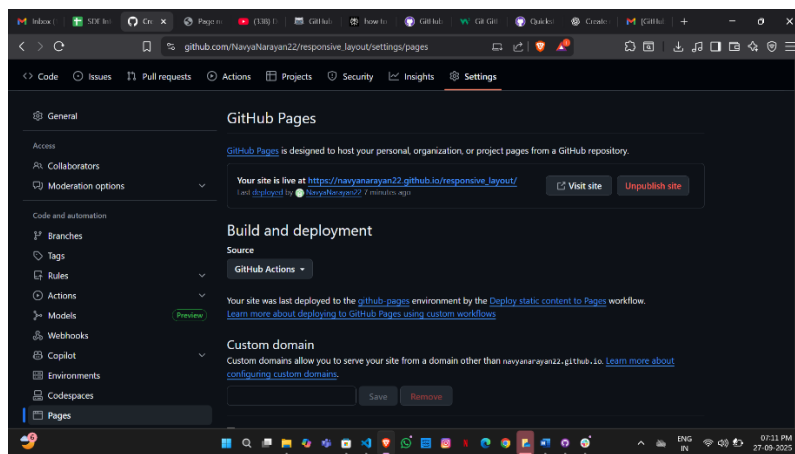
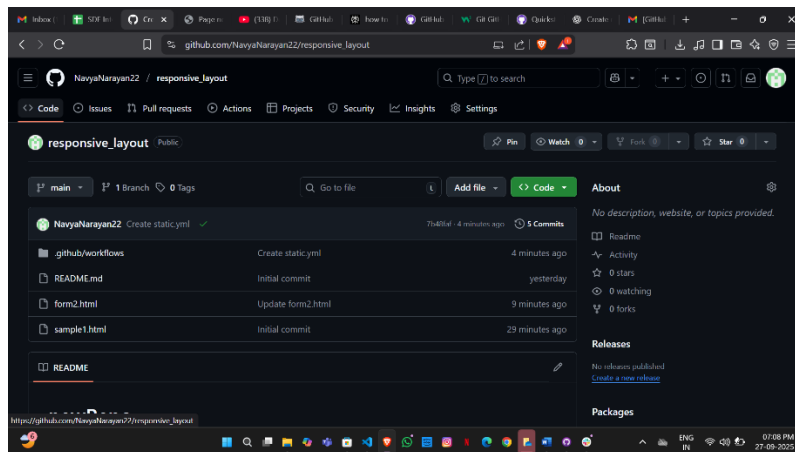
TASK 1: Polish responsive layout; deploy on GitHub Pages; write README

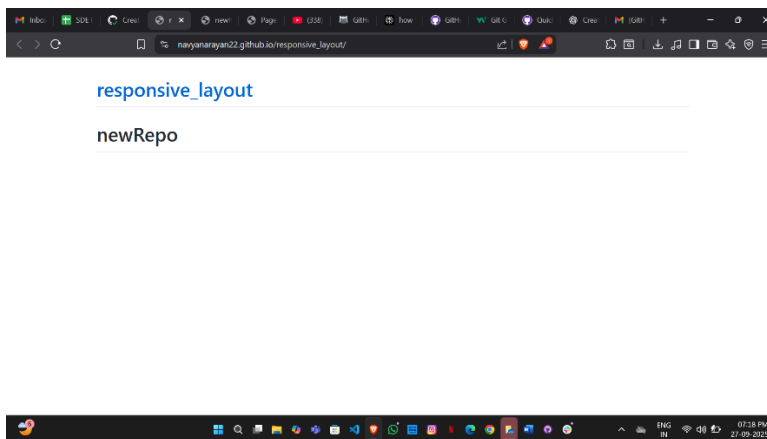
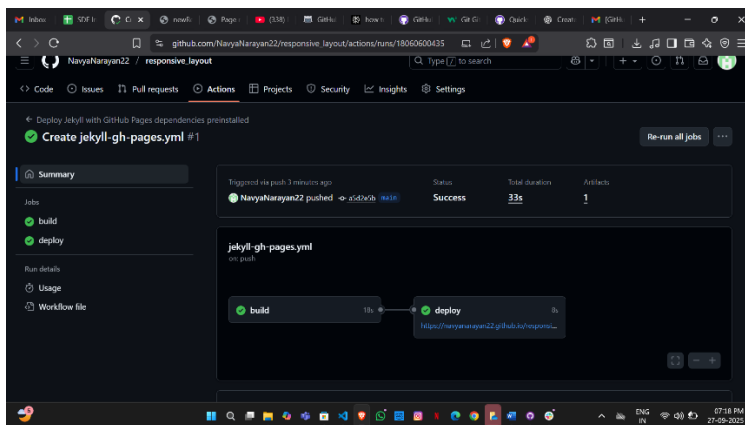
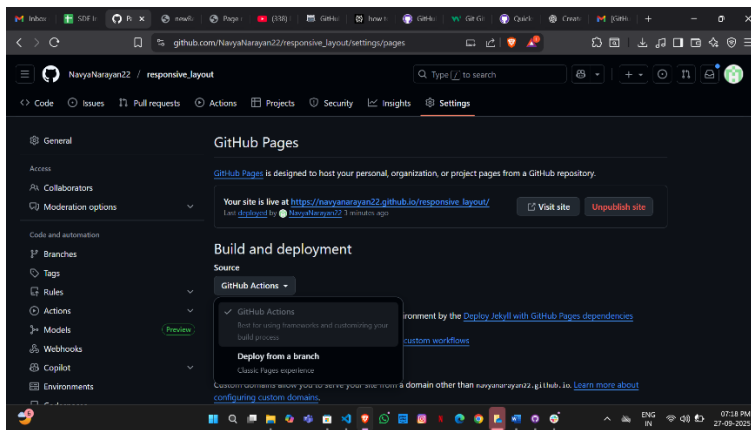
1. Polish responsive layout:



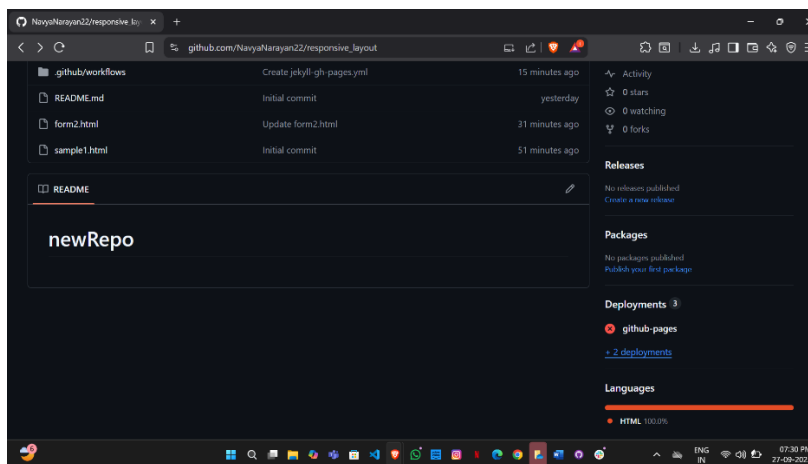
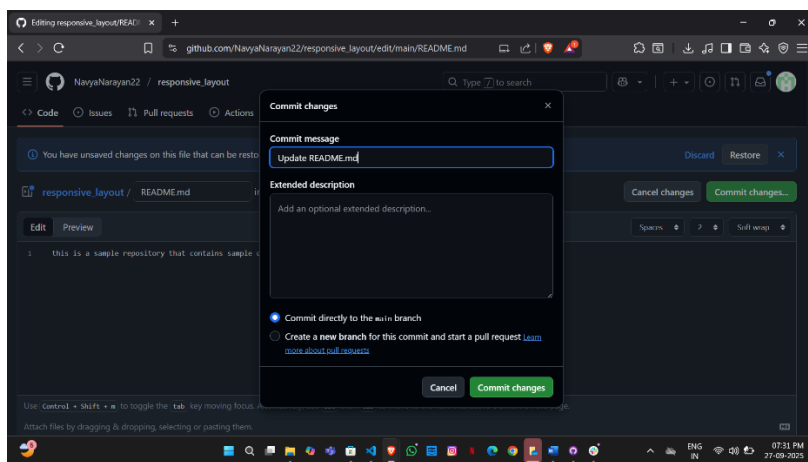
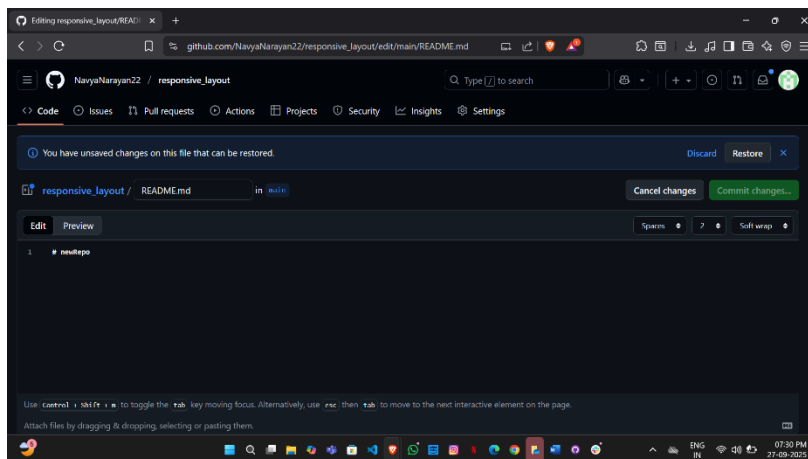
(I have used a sample code as the previous programs I worked on got deleted last minute, couldn't figure the problem... due to which I had to use the sample program.)

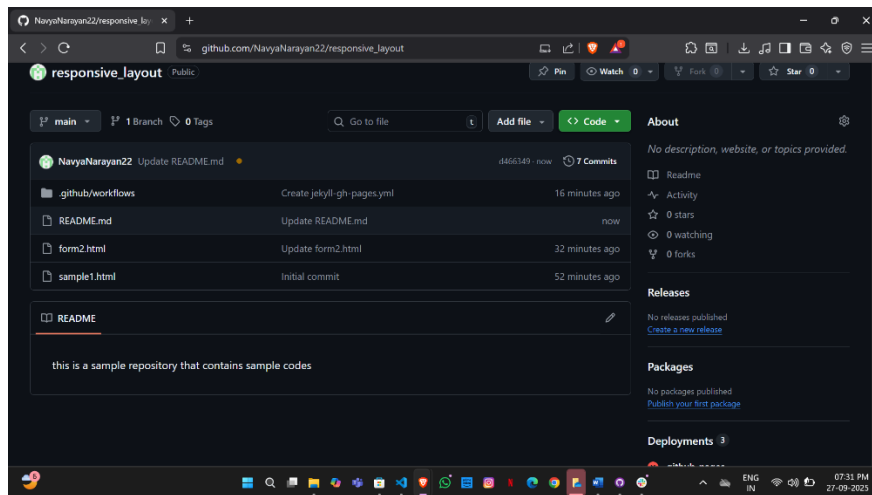
2. Deploy on github pages:





3. Write readme:





QUESTIONS/ REFLECTION:

1. What steps did you follow to deploy via GitHub Pages?
The first step is to create a github repository.
Then using commit I pushed the contents to the github repository.
Then go to the repo page click on settings.
Then to the left scroll down to pages.
Then go to build and deployment, source, select github actions and then,
Go to actions click on the created deployment link to find the page.
2. What difficulties you faced in deployment?
The difficulties I faced was, trying to figure out how these steps work, and then if it was creating a page. Then when I clicked the actions first it showed just deployment and not build and when I clicked the link it showed me 404 error, then once I went through the resources and found that I hadn't chosen the correct media to deploy. Once I did that then I was able to see the process, build and then deploy and when I clicked link I was able to see the page.
3. How do responsive breakpoints work (CSS media queries)?
Responsive breakpoints are those that will fix itself or align the pagelayout according the device it is on, etc desktop or mobile. Using css media queries I can make one column or align vertically on mobile and have multiple columns or rows on a desktop.
The browser checks the screen width and uses css media queries to align the layout.

4. Why are hover/focus/active states important for UX?

It provides visual feedbacks to the user, like if it is responding or not.

The active status tells us if any operation is being done, like click or press etc