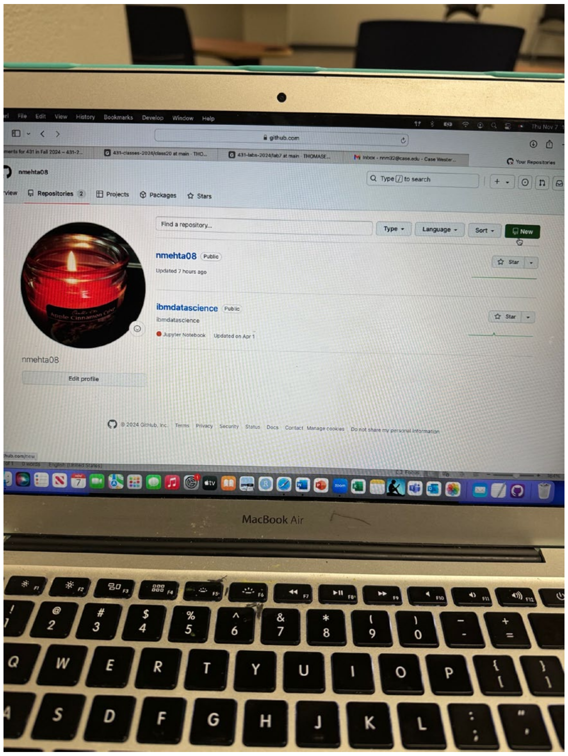
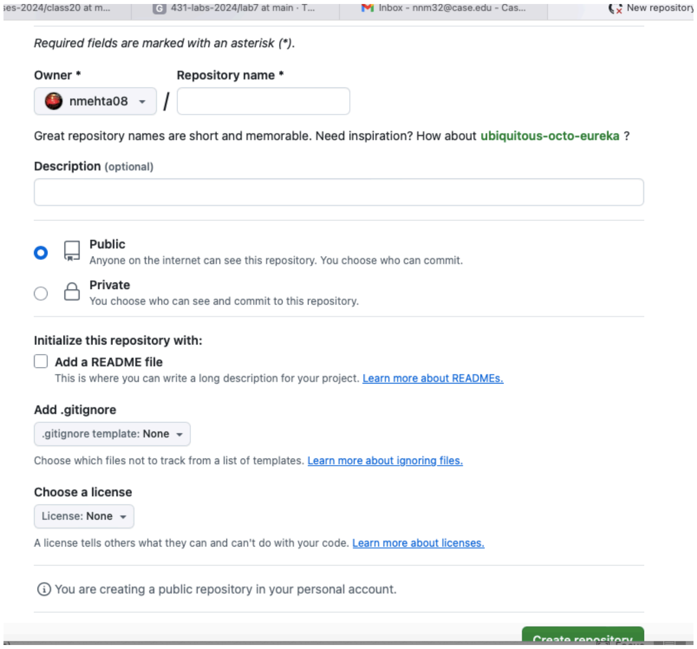
Advice on How to Publish Your Website on GitHub, by Nihit Mehta

Why did I create this document?

It took lots of troubleshooting to figure out how to publish a Lab X website using the GitHub platform. To save you time and frustration, I've put together this step-by-step guide to help you complete the task without running into the same issues I faced. I hope you find it useful! Happy "Websiting"!


File Edit View History Bookmarks Develop Window Help
github.com
431-classes-2024/class20 at main · THO...
431-labs-2024/lab7 at main · THOMASE...
Inbox - nnm32@case.edu - Case Wester...
Your Repositories
nmehta08
Type / to search
Repositories 2
Projects
Packages
Stars
Find a repository...
Type
Language
Sort
New
nmehta08 Public
Updated 7 hours ago
Star
ibmdatascience Public
ibmdatascience
Jupyter Notebook
Updated on Apr 1
Star
nmehta08
Edit profile
© 2024 GitHub, Inc. Terms Privacy Security Status Docs Contact Manage cookies Do not share my personal information
MacBook Air

Task 1 once you have created the GitHub Account, click on the green button to create a new repository.


ses-2024/class20 at m...
431-labs-2024/lab7 at main · T...
Inbox - nnm32@case.edu - Cas...
New repository

Required fields are marked with an asterisk (*).

Owner * nmehta08 / Repository name *

Great repository names are short and memorable. Need inspiration? How about **ubiquitous-octo-eureka** ?

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.

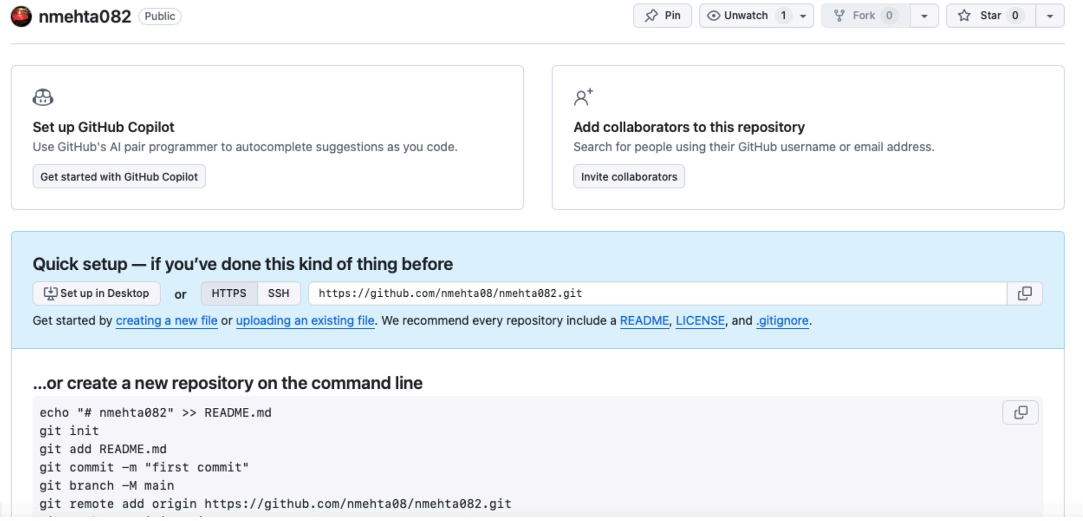
Choose a license

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.

Task 2 I used my username as the repository name, and that worked well for me. Feel free to leave the default settings as shown in the photo above. Once you've done this, click the green button in the bottom-right corner to create your repository.



Set up GitHub Copilot
Use GitHub's AI pair programmer to autocomplete suggestions as you code.

Add collaborators to this repository
Search for people using their GitHub username or email address.

Quick setup — if you've done this kind of thing before

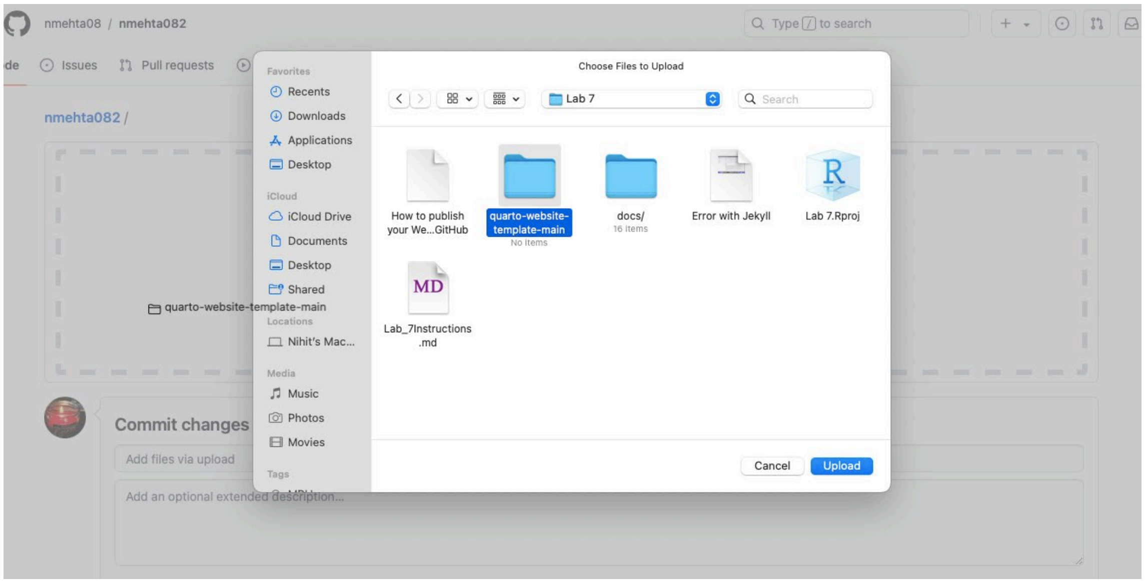
https://github.com/nmehta08/nmehta082.git

Get started by creating a new file or uploading an existing file. We recommend every repository include a README, LICENSE, and .gitignore.

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

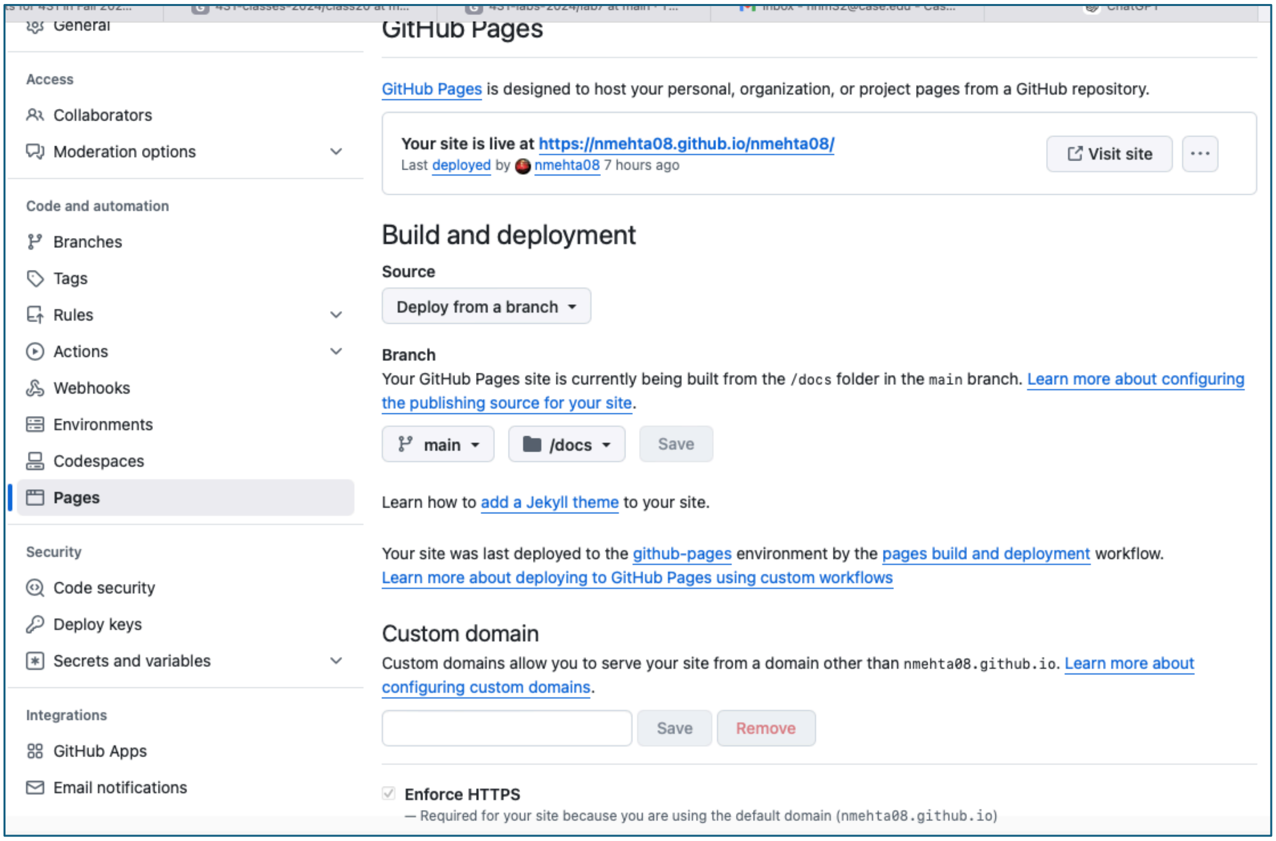
```
echo "# nmehta082" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/nmehta08/nmehta082.git
```

Task 3 Click on the Upload an existing file, below the Quick Set up.



Task 4 I used the Marvin Schmitt template, which creates a separate folder, and I uploaded the "docs" folder inside it. If you're using his template, make sure to upload the "docs" folder, not the entire template folder.

My second issue was that GitHub doesn't allow you to upload folders directly—only individual files—if you use the traditional upload method. To get around this, I dragged and dropped the folder into the dashed box on GitHub. Once the upload starts, it will preserve the folder structure. At that point, click the "Cancel" button near the blue upload button in the bottom-right corner to stop the upload.



GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Your site is live at https://nmehta08.github.io/nmehta08/
Last deployed by nmehta08 7 hours ago

Build and deployment

Source

Deploy from a branch

Branch

Your GitHub Pages site is currently being built from the `/docs` folder in the `main` branch. Learn more about configuring the publishing source for your site.

Learn how to add a Jekyll theme to your site.

Your site was last deployed to the github-pages environment by the pages build and deployment workflow.
Learn more about deploying to GitHub Pages using custom workflows

Custom domain

Custom domains allow you to serve your site from a domain other than `nmehta08.github.io`. Learn more about configuring custom domains.

☑ **Enforce HTTPS**
— Required for your site because you are using the default domain (`nmehta08.github.io`)

Task 5 Change the source to "Deploy from a Branch," set the branch to "main," and enter "/docs" for the folder. Then, click "Save." It may take four to five minutes, but once the page refreshes, you'll see an updated page with your website link.