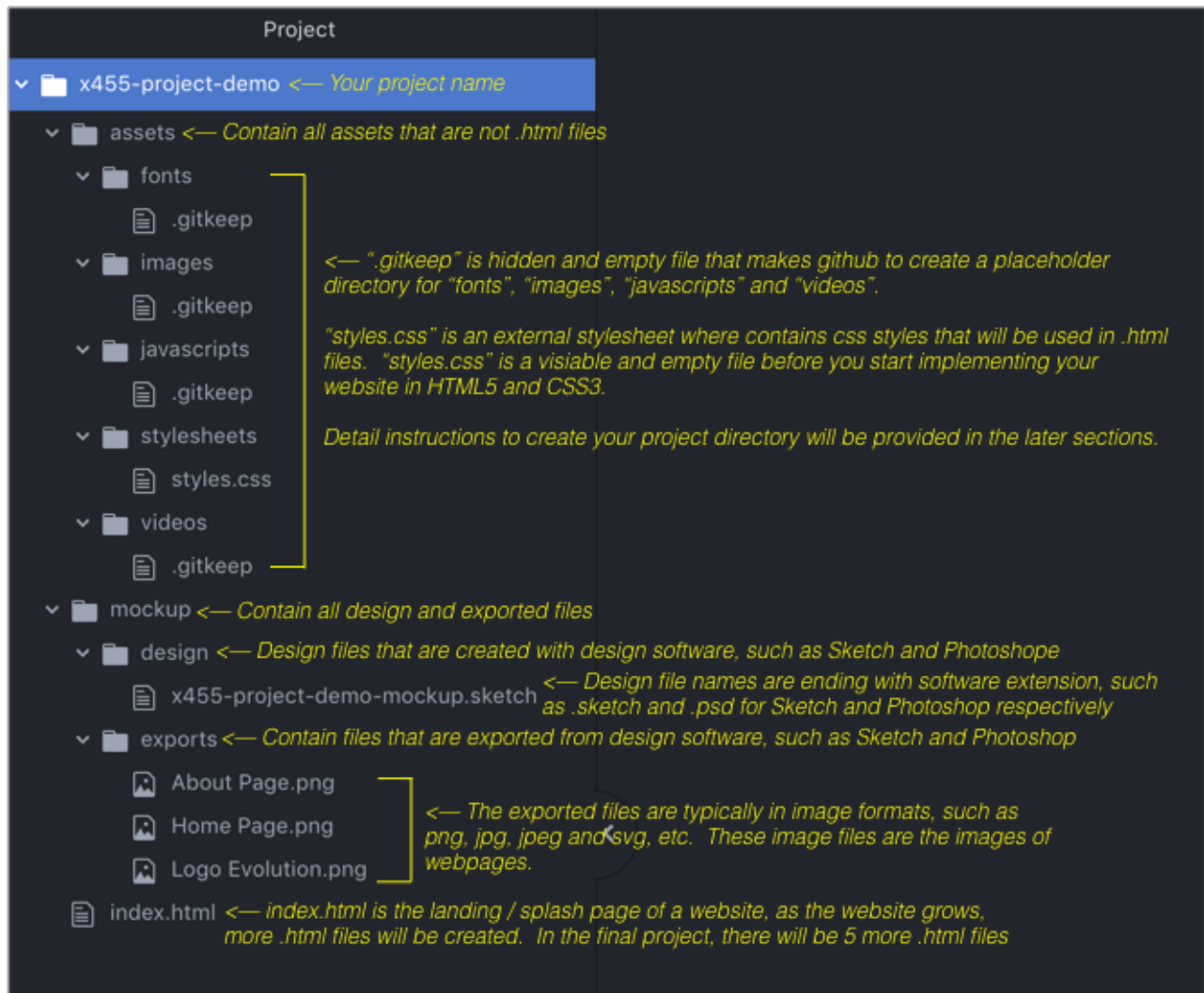


Lecture 3: HTML Deep Dive

Supplemental Instruction

Create Local Project Repository

To prepare for implementing a website with HTML5 and CSS3, we will be creating a local project repository as shown below.



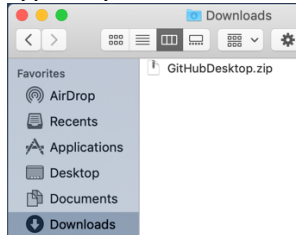
Create a Local Project Repository for Your Project with GitHub Desktop

Steps to create a local project repository for your project with GitHub Desktop:

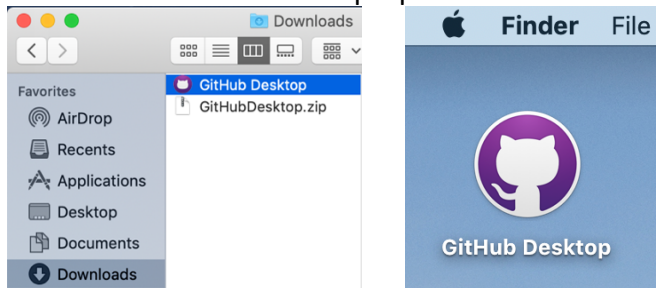
1. Create an account on Github, click the link below to follow instructions to create one for your project.

<https://www.wikihow.com/Create-an-Account-on-GitHub>

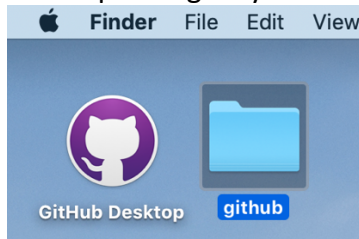
2. Go to <https://desktop.github.com/> to download Github Desktop (GitHubDesktop.zip) typically saved in Downloads folder



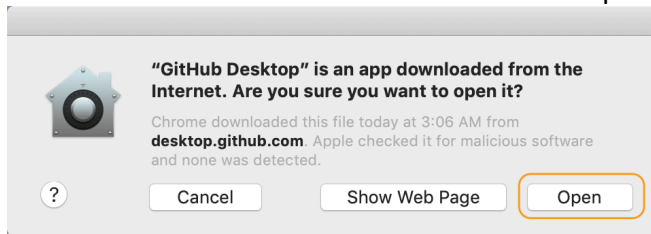
3. Double click GitHubDesktop.zip to extract GitHub Desktop and move it to Desktop



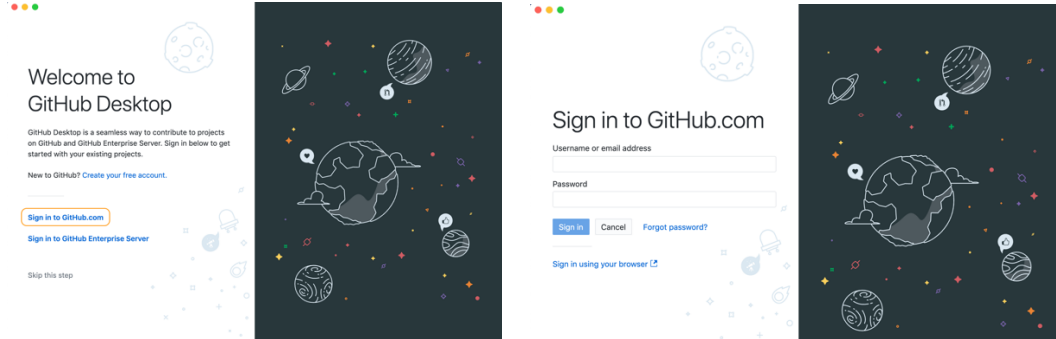
4. Create a folder on your desktop and name it as “github”, “github” folder and GitHub Desktop sitting on your desktop



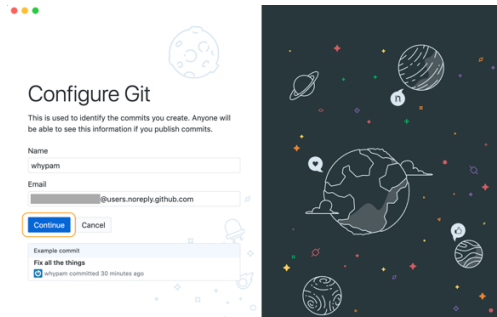
5. Double click the GitHub Desktop icon to open the application
If it is your first time to open, you will be prompted to aware of the application is downloaded from the Internet. Just select “Open”



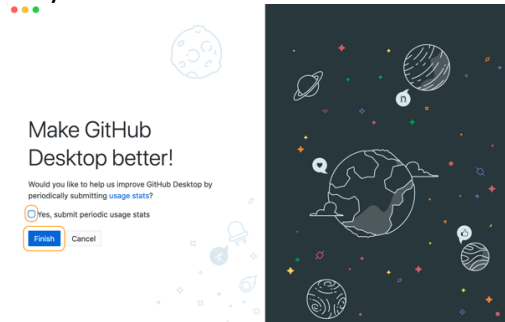
6. GitHub Desktop splash screen appear and select “Sign in to GitHub.com” and sign in to your Github account created in Step 1



7. Select “Continue” to move forward



8. If you like to help improve GitHub Desktop by periodically submitting usage stats, you may check the box. Select “Finish” to complete the installation and setup process

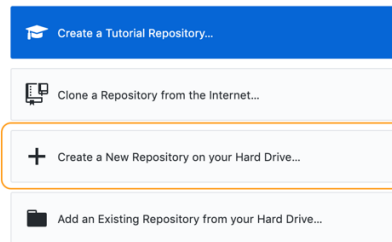


9. Select “Create a New Repository on your Hard Drive...”

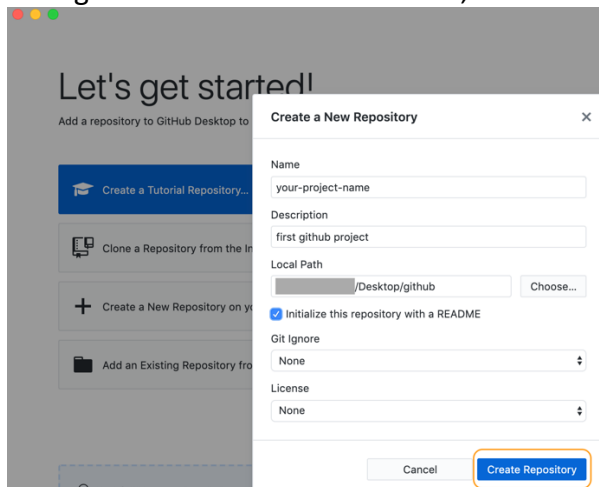


Let's get started!

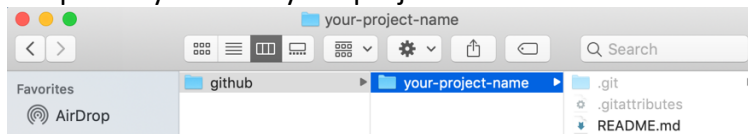
Add a repository to GitHub Desktop to start collaborating



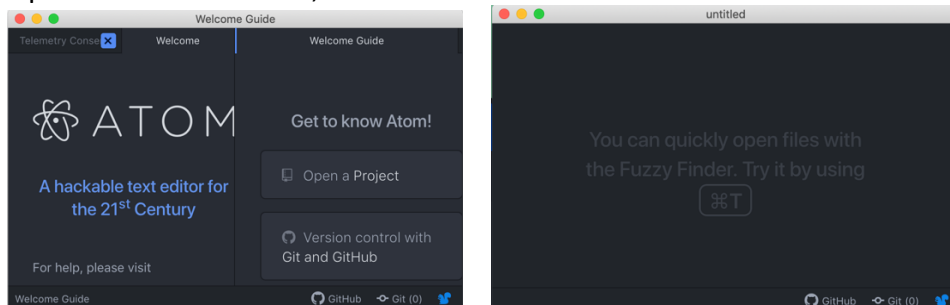
10. Fill in your project name and description, choose the “github” folder created in previous step for “Local Path”, check the box for “Initialize this repository with a README”, keep “Git Ignore” and “License” as None, and select “Create Repository”



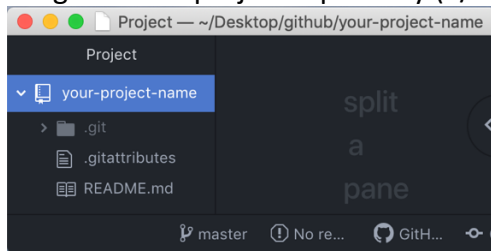
11. A repository named “your-project-name” is created in the “github” folder on desktop



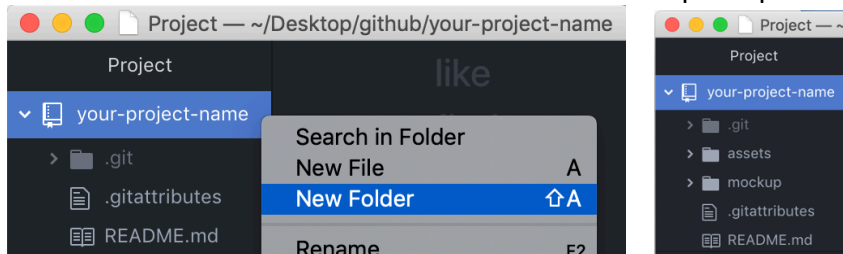
12. Open Atom code editor, then click the “X” to close all tabs



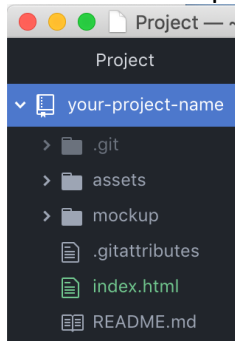
13. Drag the local project repository (~/Desktop/github/your-project-name) to Atom



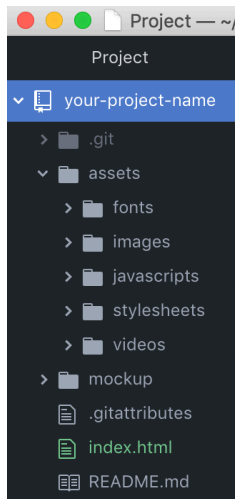
14. Select the local project repository, right click and select “New Folder” to create 2 folders. Name the 2 folders as “assets” and “mockup” respectively.



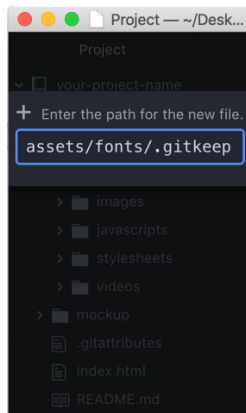
15. Select the local project repository, right click to select “New File” to create index.html



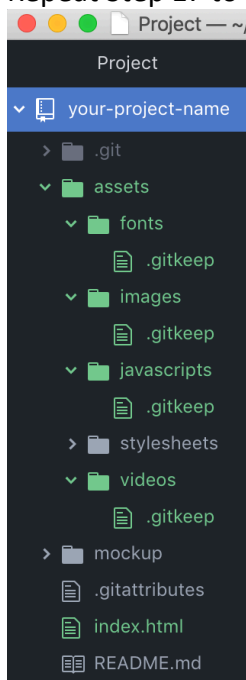
16. Select “assets” folder, right click and select “New Folder” to create 5 folders. Name the 5 folders as “fonts”, “images”, “javascripts”, “stylesheets” and “videos” respectively.



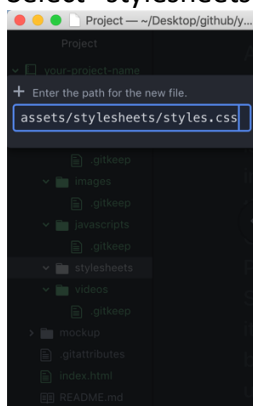
17. Select “fonts” folder, right click to select “New File” to create “.gitkeep” file



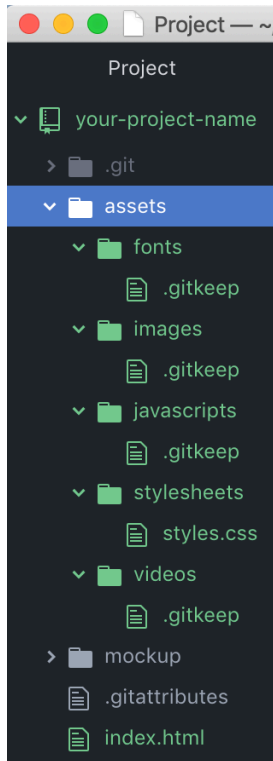
18. Repeat Step 17 to create “.gitkeep” file in “images”, “javascripts” and “videos” folders



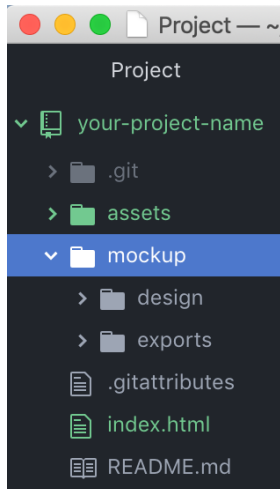
19. Select “stylesheets” folder, right click to select “New File” to create “styles.css” file



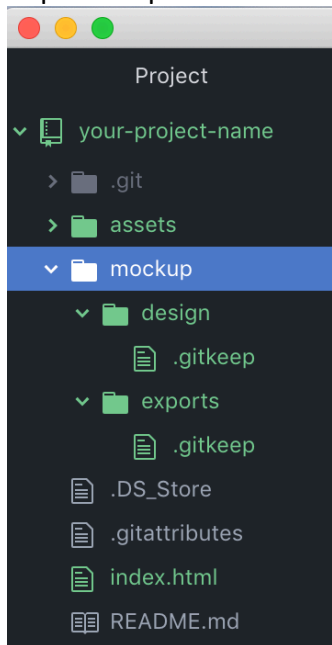
20. As a result, the “assets” folder in the project directory contains folders and files as shown below.



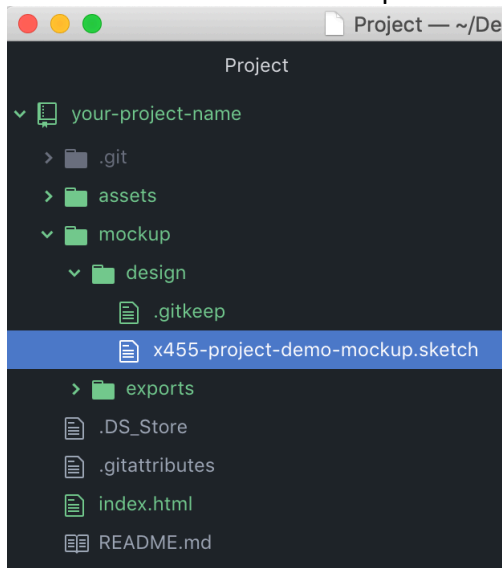
21. Select “mockup” folder, right click and select “New Folder” to create 2 folders. Name the 2 folders as “design” and “exports” respectively.



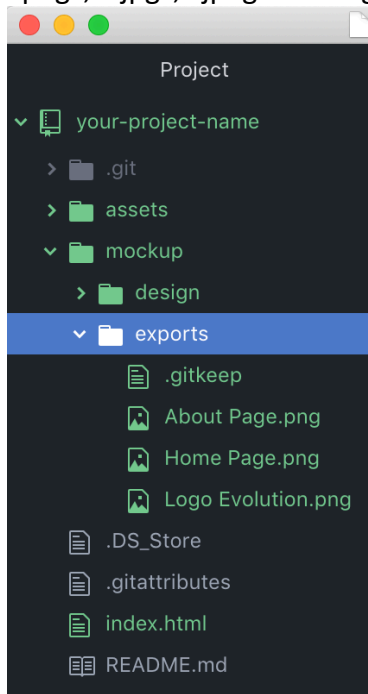
22. Repeat Step 17 to create “.gitkeep” file in “design” and “exports” folders



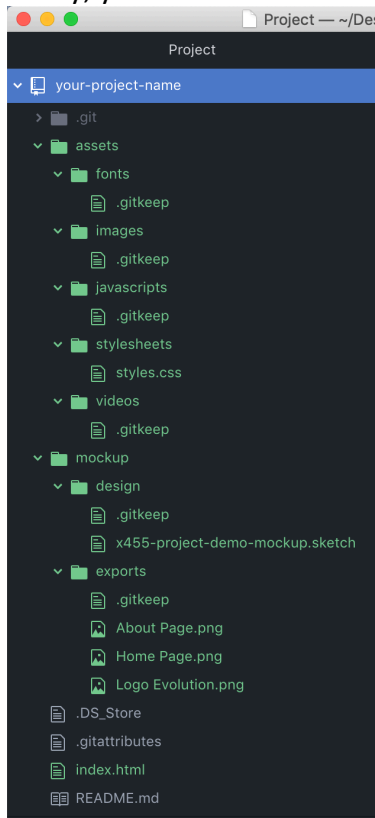
23. When you do your mockup using design software, such as Sketch and Photoshop, save your design file in “design” folder as shown below. The design file should be ending with extension “.sketch” or “.psd” for Sketch and Photoshop respectively.



24. After you completed your design on Sketch or Photoshop, export your design to files in image formats. These files will commonly be in png, jpg, jpeg or svg formats with “.png”, “.jpg”, “.jpeg” or “.svg” extension as shown below.



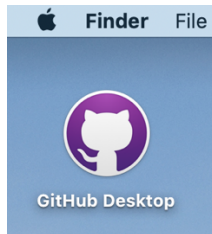
25. Finally, you have created a local project repository as shown below.



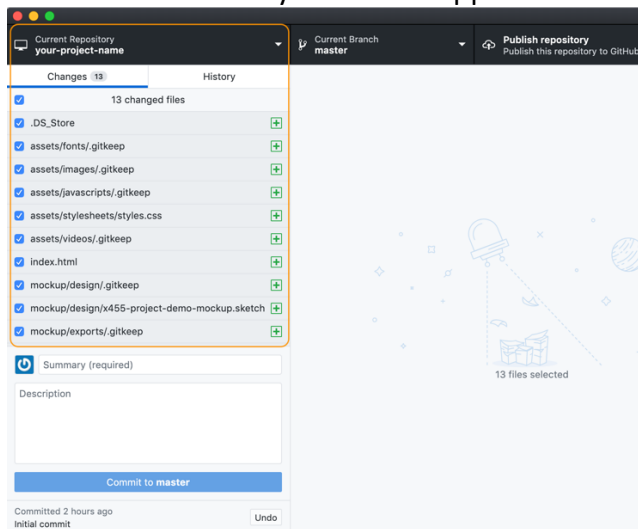
Publish a Local Project Repository to Github with GitHub Desktop

Steps to publish a local project repository to Github with GitHub Desktop:

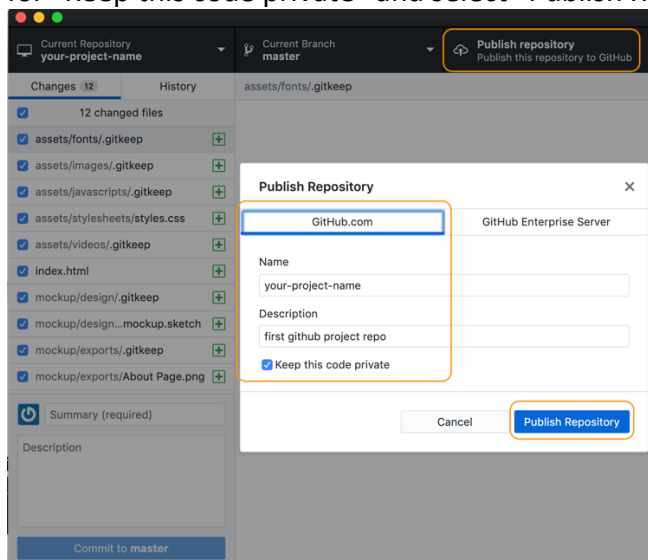
1. After created a local project repository on your desktop, open GitHub Desktop



2. The folders and files you created appear on the left side of the screen

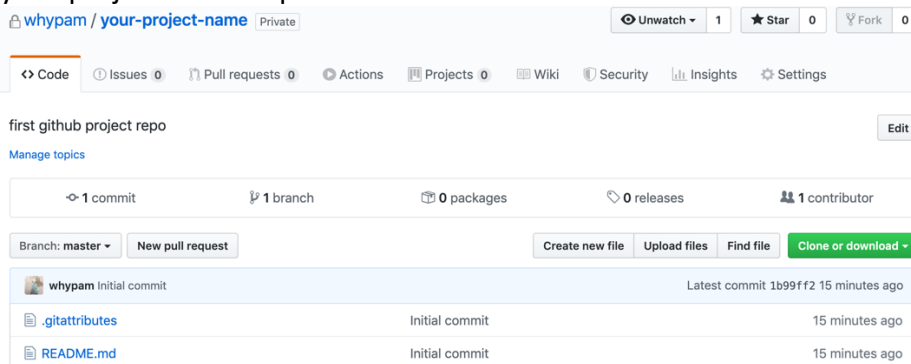


3. Select "GitHub.com" tab, complete "Name" and "Description" fields, and check the box for "Keep this code private" and select "Publish Repository"

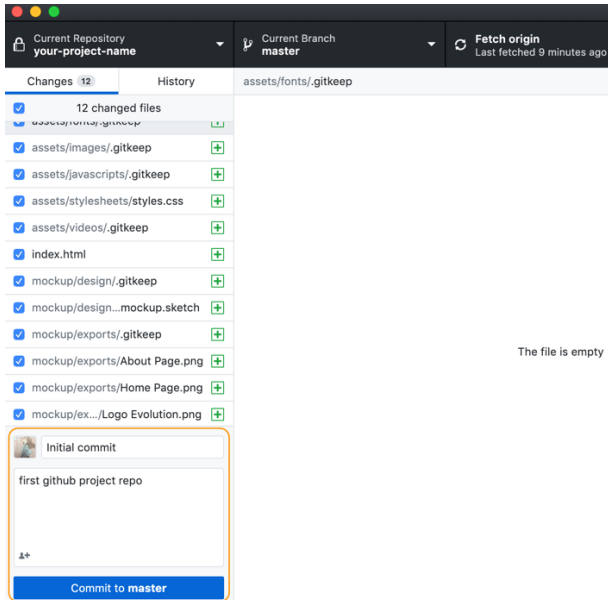


4. Login to your Github account at <https://github.com/>

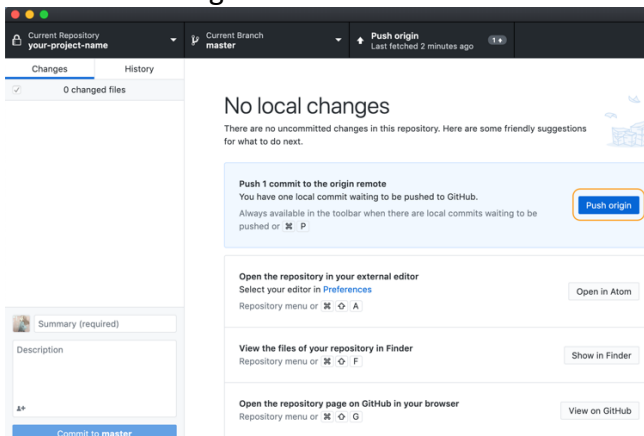
5. your-project-name is published as shown below



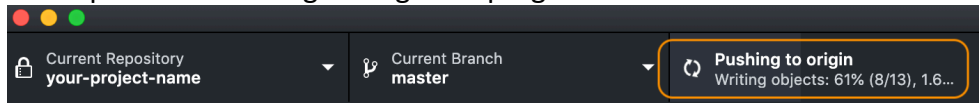
6. Go back to GitHub Desktop, fill in “Summary (required)” and “Description”, then select “Commit to master”



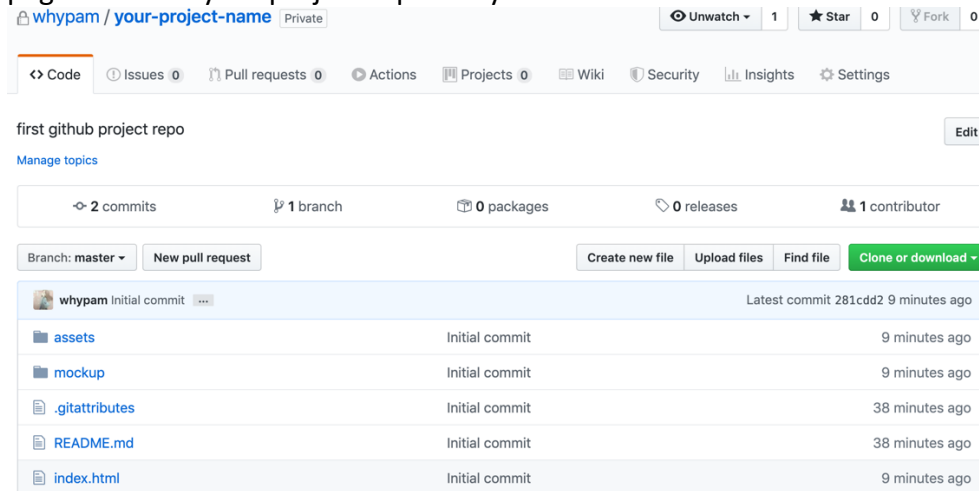
7. Select “Push origin”



8. The top shows “Pushing to origin” in progress



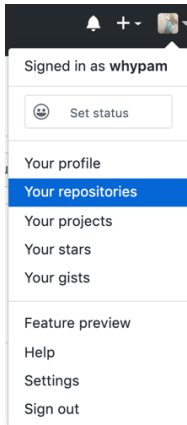
9. After finish pushing to origin, go back to your Github account, refresh the repository page to reload your project repository as shown below



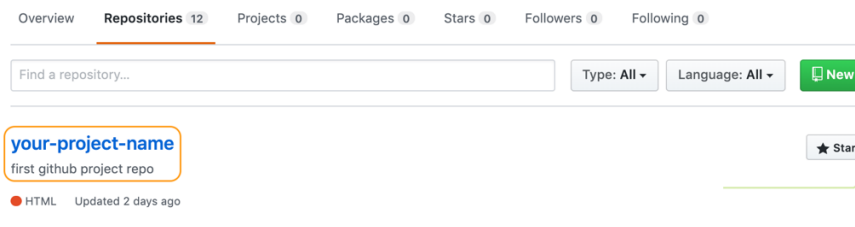
How to Find Your GitHub Project Repository Link?

Steps to find your GitHub project Repository link:

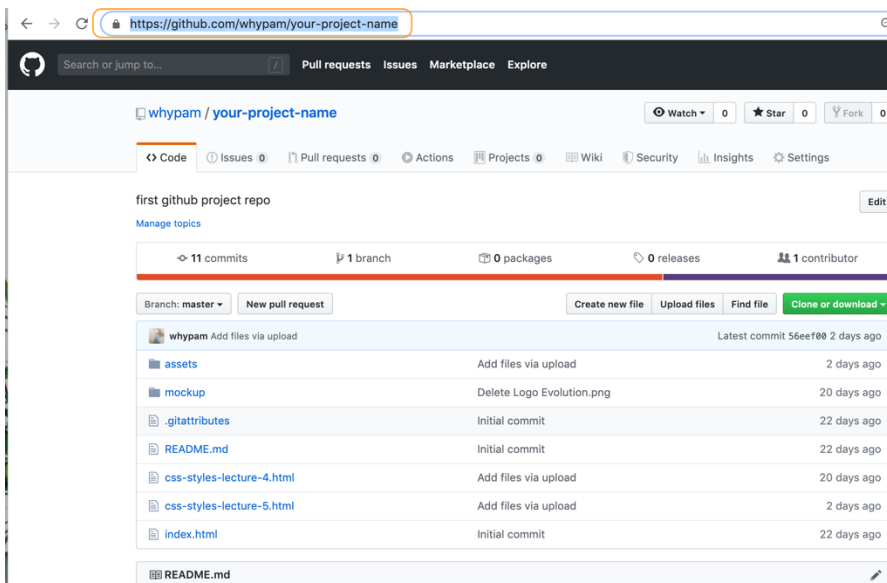
1. Log in to your GitHub account
2. Click your profile icon on the upper right corner and select “Your repositories”



3. Select your project repository



4. Your project repository link shows up on the URL address bar



If you see “Private” marked next to your project repository name, you need to make it public, so that I can review your project. **Please follow the instructions in “Make Your GitHub Repository Public” section below to make your project repository public.**

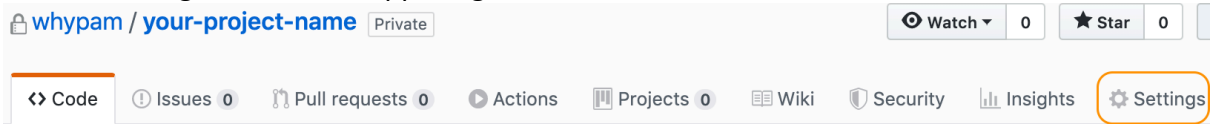
The screenshot shows a GitHub repository page for 'whypam / your-project-name'. The repository is marked as 'Private'. The page includes navigation tabs for Code, Issues (0), Pull requests (0), Actions, Projects (0), Wiki, Security, Insights, and Settings. Below the repository name, it says 'first github project repo' with an 'Edit' button. A 'Manage topics' link is also present. The repository statistics show 11 commits, 1 branch, 0 packages, 0 releases, and 1 contributor. The file list includes:

File	Commit Message	Time Ago
assets	Add files via upload	2 days ago
mockup	Delete Logo Evolution.png	20 days ago
.gitattributes	Initial commit	22 days ago
README.md	Initial commit	22 days ago
css-styles-lecture-4.html	Add files via upload	20 days ago
css-styles-lecture-5.html	Add files via upload	2 days ago
index.html	Initial commit	22 days ago

Make Your GitHub Repository Public

Steps to make your GitHub repository public:

1. Select “Settings” tab on the upper right most of the screen



first github project repo

2. In the Setting tab, scroll down to the bottom of the page and look for “Danger Zone” and select the “Make public” button

Danger Zone

Make this repository public Make this repository visible to anyone.	Make public
Transfer ownership Transfer this repository to another user or to an organization where you have the ability to create repositories.	Transfer
Archive this repository Mark this repository as archived and read-only.	Archive this repository
Delete this repository Once you delete a repository, there is no going back. Please be certain.	Delete this repository

3. Follow the instructions on “Make this repository public” pop up window:
 - a. Enter your repository name to confirm
 - b. Select “I understand, make this repository public”

Make this repository public ×

⚠ Warning: this is a potentially destructive action.

- The code will be visible to everyone who can visit <https://github.com>
- Anyone can fork your repository.
- Your changes will be published as activity.

Please type **whypam/your-project-name** to confirm.

whypam/your-project-name

I understand, make this repository public.

4. Go back to “Setting” tab and “Danger Zone” and you should see message shown as below.

Danger Zone

Make this repository private Make private
Hide this repository from the public.

Transfer ownership Transfer
Transfer this repository to another user or to an organization where you have the ability to create repositories.

Archive this repository Archive this repository
Mark this repository as archived and read-only.

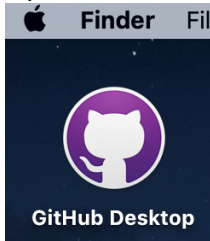
Delete this repository Delete this repository
Once you delete a repository, there is no going back. Please be certain.

Clone a Repository from GitHub with GitHub Desktop

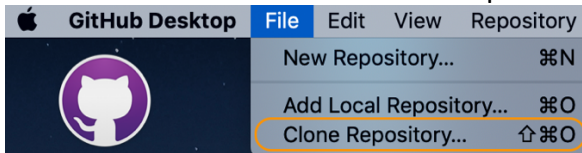
Steps to clone a repository from GitHub with GitHub Desktop:

1. Make sure the to-be-cloned repository doesn't exist in the folder that you will use to store the repository. In this demo, you will clone a repository named "your-project-name", so make sure "your-project-name" is not in your folder.

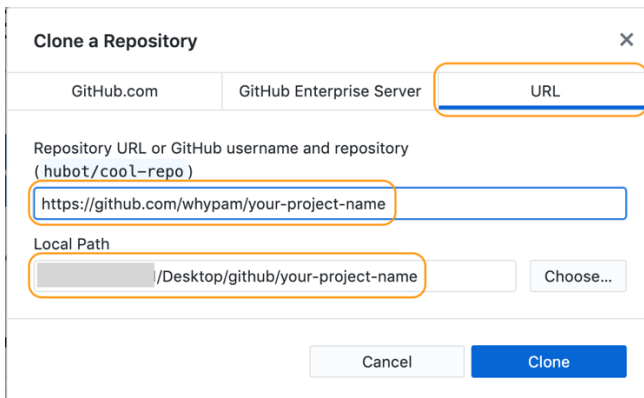
2. Open GitHub Desktop



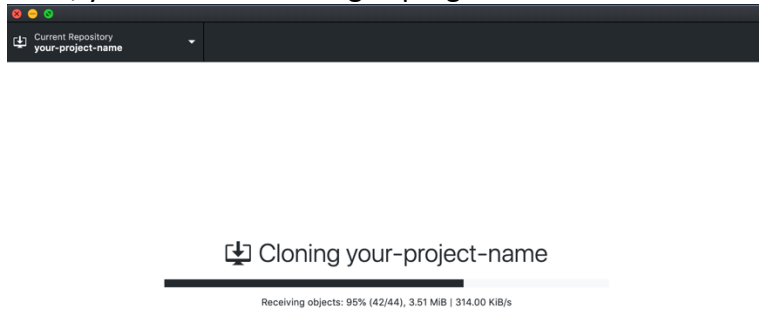
3. Go to File menu and select "Clone Repository"



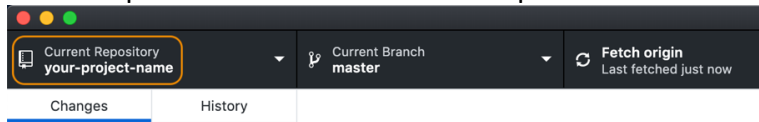
4. Select "URL" tab, enter <https://github.com/whypam/your-project-name> for Repository URL and choose a Local Path to store the to-be-cloned repository



5. Then, you will see a cloning in progress window as shown below



6. After finish cloning, you will see the cloned repository appears as “Current Repository” on the top left corner of GitHub Desktop



7. You will also see the cloned repository in your chosen folder in Step 4

