Website Design

CCA Term 4 (2023): Session 13

20 October 2023

Project Requirement

1. Main Contents
   a) Text/Paragraphs with typography
   b) Music
   c) Video
   d) Images
2. At least three webpages, each with styled navigation links
3. At least one styled table in one webpage
4. At least styled one form in one webpage
5. All webpages are responsive
6. Slideshow using javascript
7. Uploaded into the web

Today's Topics: Advanced Website Design

Uploading to the Web

Uploading to the Web

By the end of this lesson, you will have a domain of an address bar that is accessible on the internet containing your website project that you can share with your family and friends and the whole world.

Your Existing Website

- Your files are currently in your personal laptop's/desktop's hard drive.
- The address bar will show you the file location, something like:

  c://users/desktop/cca/homepage.html

  ➔ It leads to a file, & it is not pointing to a domain or a <mark>"real .com"</mark>
- You will not see: www.mrpaul.com or www.facebook.com
- Typically, uploading your website up onto the web costs money.
- You will need to purchase a hosting plan from a web hosting company.
- A web hosting company leaves their computers on 24 hours daily. We send them our website files. They host our files. We will use github.com (free)

Step 1: Sign up an account

- Go to https://github.com
- Make sure to type your email
- Input your username
- Input your password
- Solve the puzzle (if ever there is one, usually there is)
- IMPORTANT: Log in to your email and type the code into github.com when asked.
- Follow all instructions given to you, whatever email info is sent to you.

Step 2: Download the GitHub app

- Go to desktop.github.com by typing desktop.github.com in the address bar of a webpage.

- Download and save the app in your laptop. Choose the correct OS whether Windows or Mac.

- After downloading, double-click the file and follow whatever instructions are given to you.

Overview   Release Notes   Help

GitHub Desktop

Focus on what matters instead of fighting with Git. Whether you're new to Git or a seasoned user, GitHub Desktop simplifies your development workflow.

Download for Windows (64bit)

Feeling brave?

Try new features in the 🧪 Beta Channel before they're released.

Prefer the MSI?

Download for Windows (MSI)

macOS?

Download for macOS

By downloading, you agree to the Open Source Applications Terms.

File   Edit   View   Repository   Branch   Help
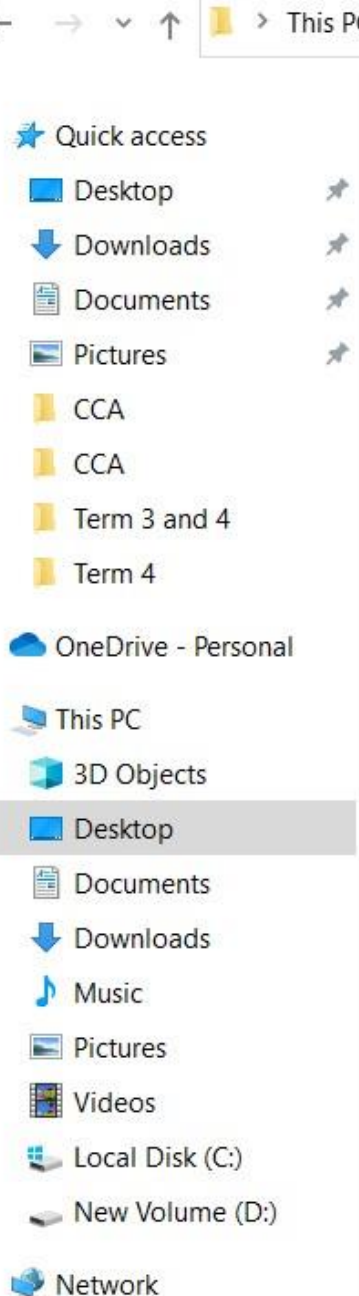
Step 3: Log in to the app

- After installing the desktop application, click: ==Sign in to GitHub.com==

- ==Authorize GitHub desktop==.

- ==Click continue== when you see your username and email, etc…

- ==Click finish==.

Step 4: Create A New Repository

- After your account is opened in your desktop app, you should be in the "Let's get started!" page.
- Click Create a new repository (you save all project files and folders here)
- Name the repository as: Oct20   Any name can; make sure no spaces are there).
- In the description field, type the description of your project.
- Make sure the LOCAL PATH has the correct folder path of your CCA desktop folder. Click CHOOSE and **look for your CCA folder**.
- This will automatically add a folder inside your CCA folder.
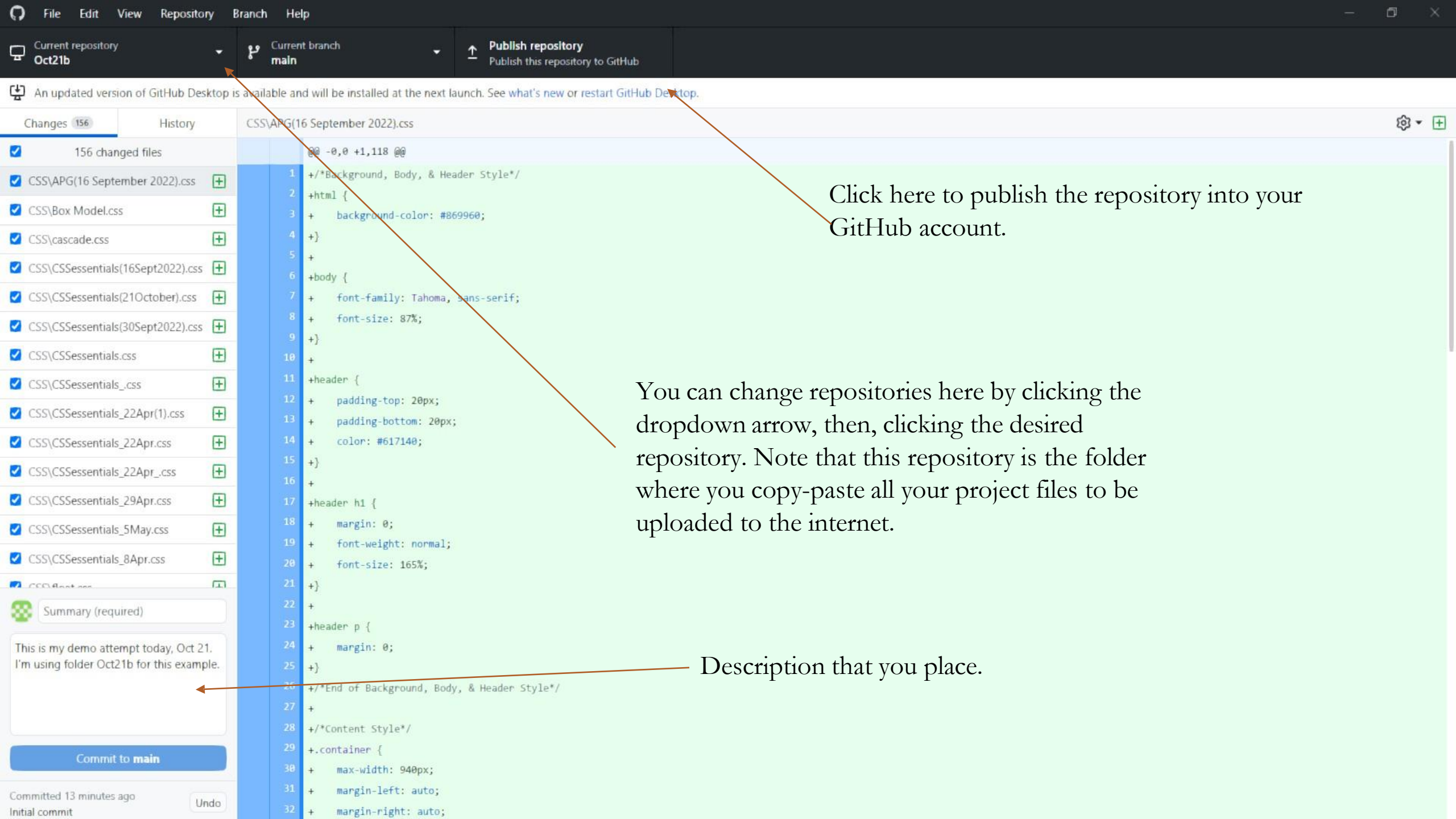 The new folder's name is "Oct20"

Step 5: Transfer the files to the repository

- Make sure your website files (HTML and CSS) are all complete and done. ==RENAME your homepage into== ==index.html==

- ==Copy-paste ALL the project website files== ==and folders== into the repository folder. (only copy the project files, exclude other activity files)
  Path should be: ==..desktop/CCA==
  Note the TWO periods before the word desktop

- Note the files and folders highlighted in blue.
- Click "control-c" to select files and folders, then "control-v" to paste inside your project folder.

- Note that the name of my project folder is "Oct21a", I placed all files there. I suggest your folder name should be October20.

File   Edit   View   Repository   Branch   Help

Current repository
Oct21b

Current branch
main

Publish repository
Publish this repository to GitHub

Changes 156 | History

CSS\APG(16 September 2022).css

156 changed files

- CSS\APG(16 September 2022).css
- CSS\Box Model.css
- CSS\cascade.css
- CSS\CSSessentials(16Sept2022).css
- CSS\CSSessentials(21October).css
- CSS\CSSessentials(30Sept2022).css
- CSS\CSSessentials.css
- CSS\CSSessentials_.css
- CSS\CSSessentials_22Apr(1).css
- CSS\CSSessentials_22Apr.css
- CSS\CSSessentials_22Apr_.css
- CSS\CSSessentials_29Apr.css
- CSS\CSSessentials_5May.css
- CSS\CSSessentials_8Apr.css
- CSS\float.css

```
@@ -0,0 +1,118 @@
1   +/*Background, Body, & Header Style*/
2   +html {
3   +    background-color: #869960;
4   +}
5   +
6   +body {
7   +    font-family: Tahoma, sans-serif;
8   +    font-size: 87%;
9   +}
10  +
11  +header {
12  +    padding-top: 20px;
13  +    padding-bottom: 20px;
14  +    color: #617140;
15  +}
16  +
17  +header h1 {
18  +    margin: 0;
19  +    font-weight: normal;
20  +    font-size: 165%;
21  +}
22  +
23  +header p {
24  +    margin: 0;
25  +}
26  +/*End of Background, Body, & Header Style*/
27  +
28  +/*Content Style*/
29  +.container {
30  +    max-width: 940px;
31  +    margin-left: auto;
32  +    margin-right: auto;
```

Summary (required)

This is my demo attempt today, Oct 21. I'm using folder Oct21b for this example.

Commit to main

Committed 13 minutes ago   Undo
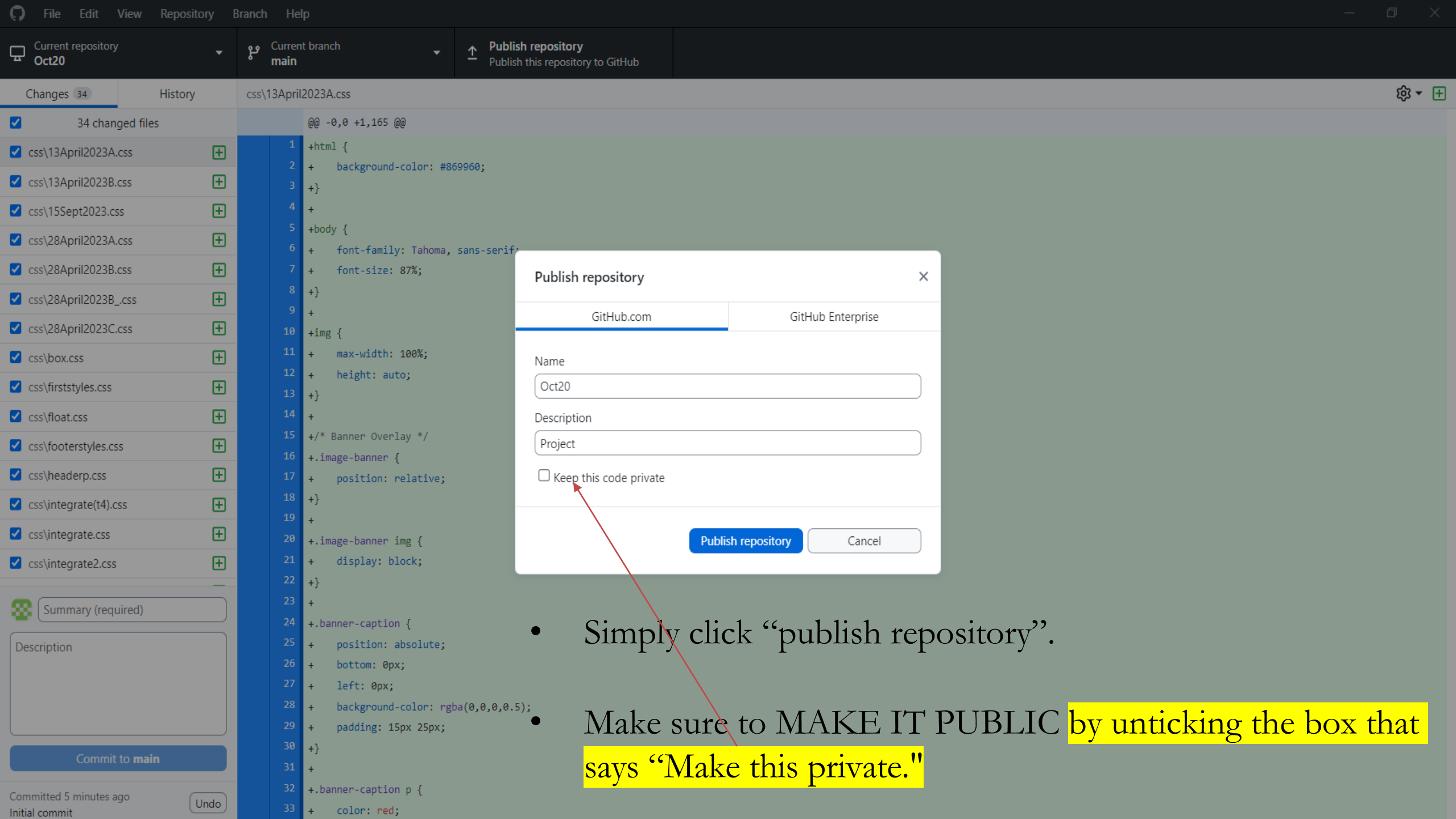Initial commit

Click here to publish the repository into your GitHub account.

You can change repositories here by clicking the dropdown arrow, then, clicking the desired repository. Note that this repository is the folder where you copy-paste all your project files to be uploaded to the internet.

Description that you place.

Step 6: Upload the files into GitHub

- Simply click <mark>"publish repository"</mark>.

- Make sure to <mark>MAKE IT PUBLIC by unticking the box that says "Make this private."</mark>

Current repository
Oct20

Current branch
main

Publish repository
Publish this repository to GitHub

Changes 34   History

css\13April2023A.css

34 changed files

css\13April2023A.css
css\13April2023B.css
css\15Sept2023.css
css\28April2023A.css
css\28April2023B.css
css\28April2023B_.css
css\28April2023C.css
css\box.css
css\firststyles.css
css\float.css
css\footerstyles.css
css\headerp.css
css\integrate(t4).css
css\integrate.css
css\integrate2.css

Summary (required)

Description

Commit to main

Committed 5 minutes ago   Undo
Initial commit

```
@@ -0,0 +1,165 @@
1   +html {
2   +    background-color: #869960;
3   +}
4   +
5   +body {
6   +    font-family: Tahoma, sans-serif;
7   +    font-size: 87%;
8   +}
9   +
10  +img {
11  +    max-width: 100%;
12  +    height: auto;
13  +}
14  +
15  +/* Banner Overlay */
16  +.image-banner {
17  +    position: relative;
18  +}
19  +
20  +.image-banner img {
21  +    display: block;
22  +}
23  +
24  +.banner-caption {
25  +    position: absolute;
26  +    bottom: 0px;
27  +    left: 0px;
28  +    background-color: rgba(0,0,0,0.5);
29  +    padding: 15px 25px;
30  +}
31  +
32  +.banner-caption p {
33  +    color: red;
```

Publish repository

GitHub.com   GitHub Enterprise

Name

Oct20

Description

Project

☐ Keep this code private

Publish repository   Cancel

- Simply click "publish repository".

- Make sure to MAKE IT PUBLIC by unticking the box that says "Make this private."

Step 7: Look for your repository in the GitHub account (not the app in desktop)

- Log in to your GitHub account in the web browser.
- Click the dropdown menu at the top right circle with little arrow. You may place your picture in that circle.
- From that dropdown menu click Your repositories
- Note that this is not yet your website view but just a listing of your files and the properties of your files.

Pull requests **Issues** **Marketplace** **Explore**

Signed in as
PaulMichaelParaguya

☺ Set status

Your profile

Your repositories

Your codespaces

Your projects

Your stars

Your gists

Upgrade

Feature preview ●

Help

Settings

Sign out

Recent Repositories

📖 New

Find a repository...

🌐 PaulMichaelParaguya/My-website-project

🌐 PaulMichaelParaguya/PaulMichaelParaguya

Recent activity

When you take actions across GitHub, we'll provide links to that activity here.

Learn Git and GitHub without any code!

Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request.

Read the guide   **Start a project**

Following   For you (Beta)

Introduce yourself

The easiest way to introduce yourself on GitHub is by creating a README in a repository about you! You can start here:

PaulMichaelParaguya / README.md

```
1 - 👋 Hi, I'm @PaulMichaelParaguya
2 - 👀 I'm interested in ...
3 - 🌱 I'm currently learning ...
4 - 💞 I'm looking to collaborate on ...
5 - 📫 How to reach me ...
6
```

Dismiss this   **Continue**

Discover interesting projects and people to populate your

Our response to the w

GitHub is united with the p
international community

Read more

Latest changes

2 hours ago
Secret scanning: Dry
level custom pattern

Yesterday
Default to PR titles fo
commit messages

Yesterday
Changelog summariz

2 days ago
The GitHub Enterprise Server 3.5 Release
Candidate is available

View changelog →

Step 8: Choose a Repository

- In your repository page, there are several repositories to choose from if you have uploaded many already, if not, then you will see only one. In today's example, we save the repository with the name "2023October20" or "Oct20"

github.com/PaulMichaelParaguya?tab=repositories

PaulMichaelParaguya

Type / to search

Overview | Repositories 18 | Projects | Packages | Stars

PaulMichaelParaguya

Edit profile

Find a repository...

Type ▾   Language ▾   Sort ▾   New

Oct20 Public

Project

Updated now

☆ Star ▾

May12newnew Public

Test2

🟡 JavaScript   Updated on May 12

☆ Star ▾

May12new Public

This is a test.

🟡 JavaScript   Updated on May 12

☆ Star ▾

Step 9: Inside your repository

- Click ==**"Add file"**== and locate your repository folder (Oct20 folder) found in your CCA folder.

- Then, ==click "Upload files"== from the dropdown menu.

github.com/PaulMichaelParaguya/Oct21b

Search or jump to...

Pull requests   Issues   Marketplace   Explore

🖥 **PaulMichaelParaguya / Oct21b**   Public

☆ Pin   👁 Unwatch 1   🍴 Fork 0   ⭐ Star

<> Code   ⊙ Issues   ⅓ Pull requests   ⊙ Actions   ⊞ Projects   📖 Wiki   🛡 Security   📈 Insights   ⚙ Settings

main   ⅓ 1 branch   ⊙ 0 tags

Go to file   Add file ▾   Code ▾

About

Create new file

2nd demo

Upload files

🗒 PaulMichaelParaguya Initial commit   ⊙ 1 commit

☆ 0 stars

📄 .gitattributes   Initial commit   5 hours ago

👁 1 watching

⅓ 0 forks

Help people interested in this repository understand your project by adding a README.   Add a README

Releases

No releases published
Create a new release

Click upload files

Packages

No packages published
Publish your first package

Step 10: Uploading Files

- Click "Choose your files"

- Locate your repository folder (Oct21b folder) found in your CCA folder in your desktop (laptop).

- Select all the files inside that folder and click OPEN.

- Then, click COMMIT CHANGES found near the bottom left

PaulMichaelParaguya / **Oct20**

<> Code ⊙ Issues Pull requests ⊙ Actions ☐ Projects ☐ Wiki ⊘ Security Insights ⚙ Settings

Oct20 /

Click choose your files

Drag additional files here to add them to your repository

Or choose your files

…then make sure to DRAG them! Don't click open folder!

.gitattributes

CSSessentials(21October).html

.gitattributes

CSSessentials(21October).html

Commit changes

Add files via upload

Add an optional extended description...

Click Commit changes

○ Commit directly to the `main` branch.

○ Create a **new branch** for this commit and start a pull request. Learn more about pull requests.

Commit changes   Cancel

Step 11: Modify the Settings

- Click the setttings icon.

github.com/PaulMichaelParaguya/Oct20

PaulMichaelParaguya / Oct20

Type / to search

<> Code   Issues   Pull requests   Actions   Projects   Wiki   Security   Insights   Settings

==Click Settings==

Oct20 Public

Pin   Unwatch 1   Fork 0   Star 0

main   1 branch   0 tags

Go to file   Add file   <> Code

About

Project

PaulMichaelParaguya Add files via upload   27cb9e0 1 minute ago   2 commits

==Files Uploaded Already==

Oct20   Add files via upload   1 minute ago
.gitattributes   Initial commit   17 minutes ago

Activity

0 stars

1 watching

0 forks

Help people interested in this repository understand your project by adding a README.   Add a README

Releases

No releases published
Create a new release

Packages

No packages published
Publish your first package

Languages

Step 12: Modify the Settings

- Scroll down until you find "==GitHub Pages==".

- ==Change the SOURCE to <u>from None to Main</u>==

- Take note of the link that appears. <u>That link is the domain of your website</u>. This URL is available to the entire planet.

<> Code   Issues   Pull requests   Actions   Projects   Wiki   Security   Insights   Settings

General

Access

Collaborators

Moderation options

Code and automation

Branches

Tags

Rules

Actions

Webhooks

Environments

Codespaces

Pages

Security

Code security and analysis

Deploy keys

Secrets and variables

General

Repository name

Oct20   Rename

☐ **Template repository**
Template repositories let users generate new repositories with the same directory structure and files. Learn more about template repositories.

☐ **Require contributors to sign off on web-based commits**
Enabling this setting will require contributors to sign off on commits made through GitHub's web interface. Signing off is a way for contributors to affirm that their commit complies with the repository's terms, commonly the Developer Certificate of Origin (DCO). Learn more about signing off on commits.

Default branch

The default branch is considered the "base" branch in your repository, against which all pull requests and code commits are automatically made, unless you specify a different branch.

main

Click Pages

Social Preview

Upload an image to customize your repository's social media preview.

Images should be at least 640×320px (1280×640px for best display).

Download template

PaulMichaelParaguya / Oct20

<> Code   Issues   Pull requests   Actions   Projects   Wiki   Security   Insights   Settings

General

Access

Collaborators

Moderation options

Code and automation

Branches

Tags

Rules

Actions

Webhooks

Environments

Codespaces

Pages

Security

Code security and analysis

Deploy keys

Secrets and variables

GitHub Pages

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

Build and deployment

Source

Deploy from a branch ▾

Branch

GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. Learn more about configuring the publishing source for your site.

None ▾   Save

Select branch	✕

Select branch

main

✓ None

...ct access to your GitHub Pages site by publishing it privately. A privately ...ith read access to the repository the site is published from. You can use ...ocumentation or knowledge base with members of your enterprise.

Try GitHub Enterprise risk-free for 30 days   Learn more about the visibility of your GitHub Pages site

Change the Branch from None to Main

PaulMichaelParaguya / Oct20

Type / to search

<> Code   ⊙ Issues   ⑂ Pull requests   ▷ Actions   ⊞ Projects   📖 Wiki   🛡 Security   📈 Insights   ⚙ Settings

Click Save

⚙ General

Access

👥 Collaborators

💬 Moderation options

Code and automation

⑂ Branches

🏷 Tags

⤓ Rules

▷ Actions

🎣 Webhooks

🗄 Environments

💻 Codespaces

📄 Pages

Security

🔍 Code security and analysis

🔑 Deploy keys

[*] Secrets and variables

GitHub Pages

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

Build and deployment

Source

Deploy from a branch ▾

Branch

GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. Learn more about configuring the publishing source for your site.

⑂ main ▾   📁 / (root) ▾   Save

Visibility   GITHUB ENTERPRISE

With a GitHub Enterprise account, you can restrict access to your GitHub Pages site by publishing it privately. A privately published site can only be accessed by people with read access to the repository the site is published from. You can use privately published sites to share your internal documentation or knowledge base with members of your enterprise.

Try GitHub Enterprise risk-free for 30 days   Learn more about the visibility of your GitHub Pages site

Reminders:

- Note that you can have as many folders inside the repository. Each folder can represent a single website. Your project folder is just one of the websites you can upload into GitHub. You can create more website.

- Everything you publish is accessible to the public. The whole world can see the files in your repository page. You may change this to private next month after I have checked your files.

- Whatever changes you want, don't edit from your file in the hard drive but from your GitHub folder. You still use VSCode when you edit those files.

Session 13 Activity

Session13 Activity

Upload your project to the web.

Project Requirement

1. Main Contents
   a) Text/Paragraphs
   b) Music
   c) Video
   d) Images
2. At least three webpages, each with styled navigation links
3. At least one styled table in one webpage
4. At least styled one form in one webpage
5. All webpages are responsive
6. Slideshow using javasript
7. Uploaded into the web

GitHub Requirement

You need a GitHub account (like an email account with username

and password.

You also need a GitHub APP installed in your laptop.

GitHub Project Errors

Your homepage should have the filename: index.html , if not, you will encounter error 404.

In your HTML head, if you put a first slash "/" for the CSS href, your CSS styles won't work and only the default will show. Remove the first "/" from the filename path.

For example from: `<link rel="stylesheet" href="/CSS/index.css">` to `<link rel="stylesheet" href="CSS/index.css">`

Website Design

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