MiSA

WEBSITE WORKSHOP SESSION 1: GitHub Pages

Hosted by: Leonardo Cuellar and Hannah Wilkinson

October 16th, 2024

REQUIREMENTS

- ✓ GitHub Account
- ✓ GitHub Desktop
- ✓ Preferred Integrated Development Environment (IDE)
- ✓ Install Dependencies

MiSA

RESOURCES

- GitHub Pages Documentation
- Install Jekyll
- GitHub and Jekyll
- Jekyll Themes
- Themes
- GitHub Desktop
- Jekyll Cheatsheet

Recommended:

- GitHub Student Developer Pack
- JetBrains [WebStorm IDE]

MiSA

GETTING STARTED

- Follow along with the slides on the website: https://misassociation.orgs.wvu.edu/workshops/website-workshop
- Install dependencies (Ruby and Jekyll) from the guides in the resources
- Find a template from the Jekyll templates resources
- Clone the template GitHub Repository using GitHub Desktop
- Rename the repository to [GitHub Username].github.io

MiSA

CHOOSING A TEMPLATE

- In the Resources slide, use the Jekyll template resources to choose a template for the project.
- Look for a template with a style and color scheme you like, and with blog functionality.
- Simpler themes are often better!

MiSA

DISCLAIMERS

- If you host it on your mix email for GitHub... be cautious that you might want to swap it before your mix gets deleted
- If you have the student developer pack from GitHub (GitHub Pro), you can have multiple websites. If not, just your [GitHub Username].github.io is included

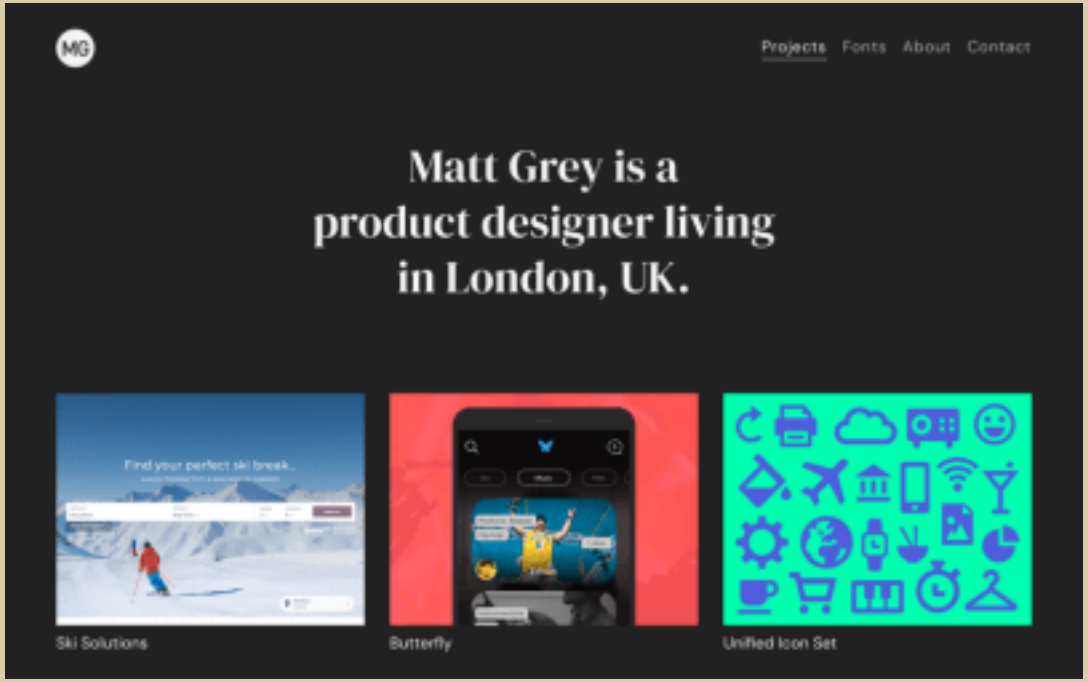
MiSA

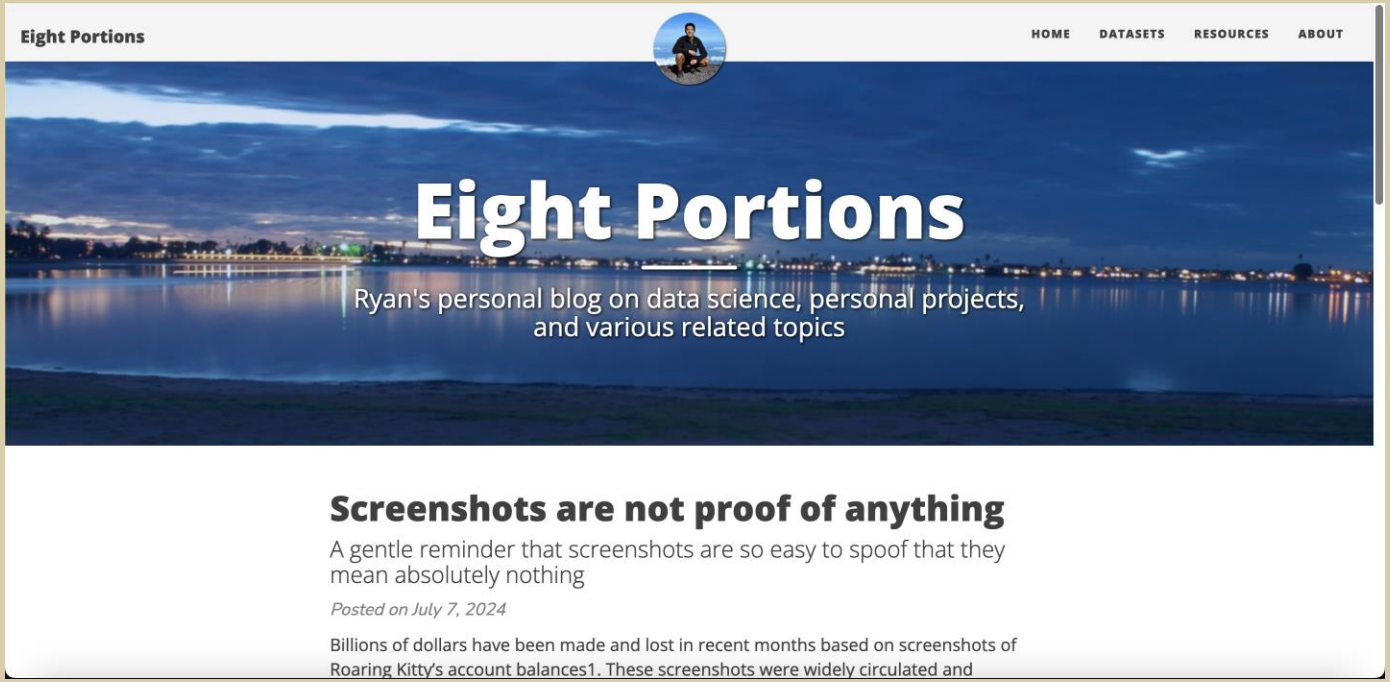
PLANNING & IDEAS FOR YOUR WEBSITE

- Add your social media links to your website (GitHub, LinkedIn, Facebook, etc.)
- Add a button to download your resume / portfolio
- Figure out what colors or themes you want for your website
- What content, pages, and sections do you want to showcase?
  - Blogs, graphics, personal projects, etc.

MiSA

PLANNING & IDEAS FOR YOUR WEBSITRE



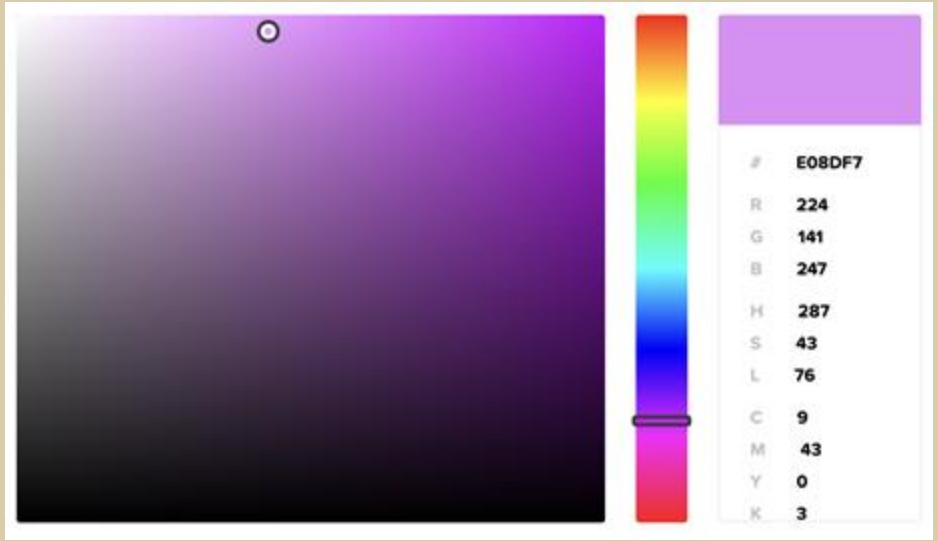


[Jekyll powered websites examples]

MiSA

COLORS & THEMES

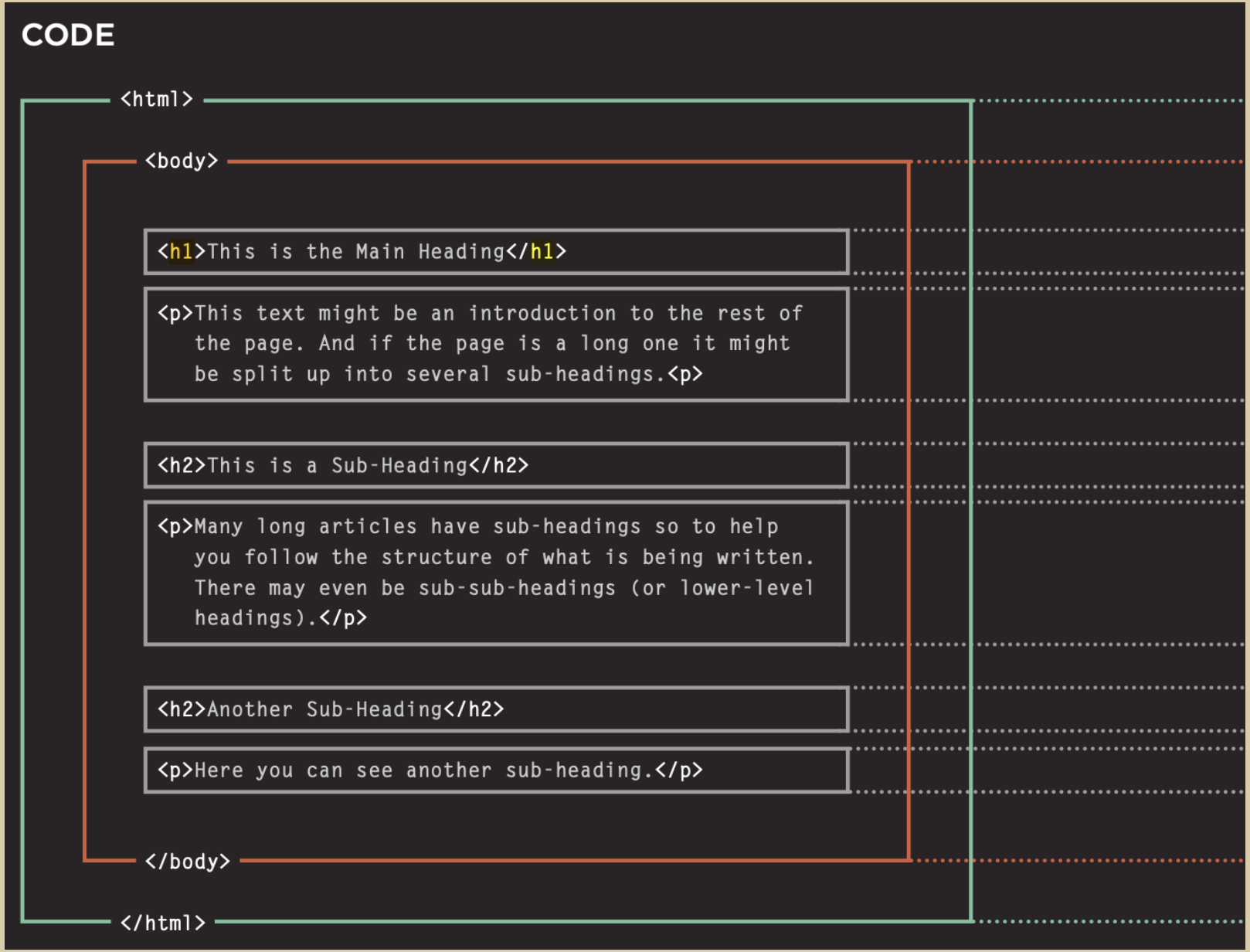
- What color theme do you want to use?
  - **Color picker:** https://htmlcolorcodes.com/
  - **Sample color palettes:** https://colorhunt.co



MiSA

HTML CRASH COURSE - TEXT

- w3 schools is a great resource to look at HTML and CSS guides!



MiSA

HTML CRASH COURSE - LINKS

- You can add target="_blank" to open a new tab with your link

HTML chapter-04/opening-links-in-a-new-window.html

```
<a href="http://www.imdb.com" target="_blank">
Internet Movie Database</a> (opens in new window)
```

MiSA

HTML CRASH COURSE – LINKS (CONTACT INFO)

chapter-04/email-links.html HTML

```
<a href="mailto:jon@example.org">Email Jon</a>
```

- You can also add **702-280-2089**

LEONARDO CUELLAR

Webmaster & Website Workshop Co-Host

956-602-9433
leonardo.cuellar@mail.wvu.edu

HANNAH WILKINSON

Board Member & Website Workshop Co-Host

702-280-2089
hannah.wilkinson1@mail.wvu.edu

MiSA

HTML CRASH COURSE - LISTS

Unordered Lists

HTML chapter-03/unordered-lists.html

```
<ul>
  <li>1kg King Edward potatoes</li>
  <li>100ml milk</li>
  <li>50g salted butter</li>
  <li>Freshly grated nutmeg</li>
  <li>Salt and pepper to taste</li>
</ul>
```

RESULT

- 1kg King Edward potatoes
- 100ml milk
- 50g salted butter
- Freshly grated nutmeg
- Salt and pepper to taste

The unordered list is created with the <ul> element.

Each item in the list is placed between an opening <li> tag and a closing tag. (The li stands for list item.)

Browsers indent lists by default.

Sometimes you may see a type attribute used with the <ul> element to specify the type of bullet point (circles, squares, diamonds and so on). It is better to use the CSS list-style-type property covered on pages 333-335.

Ordered Lists

The ordered list is created with the <ol> element.

Each item in the list is placed between an opening <li> tag and a closing tag. (The li stands for list item.)

Browsers indent lists by default.

Sometimes you may see a type attribute used with the <ol> element to specify the type of numbering (numbers, letters, roman numerals and so on). It is better to use the CSS list-style-type property covered on pages 333-335.

chapter-03/ordered-lists.html HTML

```
<ol>
  <li>Chop potatoes into quarters</li>
  <li>Simmer in salted water for 15-20
      minutes until tender</li>
  <li>Heat milk, butter and nutmeg</li>
  <li>Drain potatoes and mash</li>
  <li>Mix in the milk mixture</li>
</ol>
```

RESULT

1. Chop potatoes into quarters
2. Simmer in salted water for 15-20 minutes until tender
3. Heat milk, butter and nutmeg
4. Drain potatoes and mash
5. Mix in the milk mixture

FOLDER STRUCTURE

Config.yml

Includes the information from the website.

Posts/

Includes the published blog posts. It will follow the structure created in the layouts.

_layouts/

Formats information in md

_includes/

Partial templates created to include in layouts.

Directories

```
./
├── _config.yml
│
├── _data/
│   └── ...
│
├── _drafts/
│   └── ...
│
├── _posts/
│   └── 2014-01-01-hello.md
│
├── _layouts/
│   ├── default.html
│   └── post.html
│
├── _includes/              - partials
│   ├── header.html
│   └── footer.html
│
└── _site/
    └── ...
```

MiSA

NEXT MEETING

- Next meeting will be Wednesday, October 23rd
- If you need the slides, check on the website ---->
- If you have any questions, please reach out to:
  - Leonardo Cuellar: (956) 602-9433
  - Hannah Wilkinson: (702) 280-2089

MiSA

Thank you!

Questions?

MiSA