Intro to HTML/CSS/JavaScript Worksheet

Summer 2025 Cohort #31

RESOURCES: Common Questions + Answers in Intro to Programming
Intro to Programming Slide Decks & Resources

Full Name	Email
Serena Wee	Serenawees@gmail.com
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YanitziaCamacho Lopez	yani.cl2002@gmail.com
Chris Vega	cvega0412cv@gmail.com
Isaac Fineaso	IsaacFineaso@gmail.com
Patricia Edwards	22paedwards@gmail.com
Carlos Ascencio	ascencioc115@gmail.com
Mia Ly	mia.ly.mly@gmail.com
Min Zhao	minzhao0704@gmail.com

Class Structure:

4:00 pm - 4:15 pm - Check In
4:15 pm - 5:15 pm - Instructor Lecture
5:15 pm - 5:30 pm - Break
5:30 pm - 6:45 pm - Working Time
6:45 pm - 7:00 pm - Debrief

Lead Instructor
Ivan Hurtado: ivanhurtado@devmission.org

Program Instructor
Matthew Wei: matthewwei@devmission.org

June 11ᵗʰ, 2025 (Week 1)

- Introduction
  - What do you think of when someone says "programming"?
- Lecture
  - Intro to HTML
- 15 min break
- Project Work: **A Poem or Song Lyrics Page - HTML**
- 15 min before class ends
  - Kahoot Quiz: Intro to HTML
  - Create freeCodeCamp.org accounts
    - Demonstrate completing and submitting screenshot of the lesson
  - Homework:
    - **A Poem or Song Lyrics Page - HTML** (to be completed by next class if not finished in class **6/18**)
    - **freeCodeCamp - Learn HTML by Building a Cat Photo App** (to be completed by next class, **6/18**)
- Resources:
  - https://www.w3schools.com/
  - https://htmlcheatsheet.com/

Add the URL for your 'Poem/Lyrics' page to the table below ('Live site' not 'Code')

Name	Live Link Lyrics Page	Name	Live Link Lyrics Page
Serena Wee	https://serenawee.github.io/Music-Project/	Moises Hernandez	https://moisesihernandez7.github.io/Lyric-page/
Carlos Ascencio	https://itscarlos415.github.io/Lyric-Page/	Mia Ly	https://aim-ly2025.github.io/Poem-Lyrics/
Min Zhao	https://minz077.github.io/Lyrics-Page/	Patricia Edwards	https://triciia.github.io/A-Song-Lyrics-Page/
Yanitzia Camacho Lopez	jinxx02.github.io/Lyric-Poem-Page/	Isaac Fineaso	ifineaso415.github.io/Lyric-Page/
Chris Vega	https://chris2vega.github.io/Lyric-Page/		

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June 18ᵗʰ, 2025 (Week 2)

- Check-ins
    - How is everyone feeling? Any questions on HW/classwork submissions?
- Lecture
    - Intro to CSS
- 15 min break
- Project work: **Add CSS to your Poem or Song Lyrics Page (present at the start of class next week)**
- 15 min before class ends
    - Kahoot Quiz: HTML Basics
    - Homework:
        - **freeCodeCamp - [Learn Basic CSS by Building a Cafe Menu](#)** (to be completed by next class, **6/25**)
        - **Add CSS to your Poem or Song Lyrics Page** (present at the start of next class, **6/25)**
- Resources
    - https://htmlcheatsheet.com/css/
    - https://animate.style/

June 25th, 2025 (Week 3)

- Check-ins
    - How is everyone feeling? Any questions on HW/classwork submissions?
    - Showcase your Poem/Lyrics Page project
- Lecture
    - Intro to Bootstrap
    - Video: What are wireframes?
- 15 min break
- Demo: How to use Figma to create your wireframes
- Project Work: **Create a wireframe for your 'About Me' page** *(Once your webframe has been submitted and approved you can begin working on your 'About Me' page)*
    - Ex 1, Ex 2, Ex 3, Ex 4, Examples from Alumni
    - Explore Portfolio Page, examples of portfolio websites
    - 📕 Setting Up a Figma Project Guide 2025.pdf
    - Figma Bootstrap 5 UI Kit
- 15 min before class ends
    - Homework:
        - **Create a wireframe for your 'About Me' page (**if not completed in class, has to be approved before moving on to coding)
        - **Start coding your 'About Me' page**
        - **FreecodeCamp - Bootstrap** (to be completed by next class, **07/02**)

July 2nd, 2025 (Week 4)

- Check-ins
    - How is everyone feeling? Any questions on HW/classwork submissions?
- In Class Activity: W3Schools Bootstrap Exercises & Flexbox Froggy
- Project Work:
    - **Create your 'About Me' page in VSCode**
    - **Introduction to Final Web App and Create Proposal**
        - We will be building a web app that allows you to show, filter, and (if time permits) create and edit objects in your Airtable database.
        - Look at other web apps (inspect the HTML!) to get ideas of what you want to create. Today we will formally work on final web app proposals.

        - Examples of past web apps:

    Example 1   Example 2   Example 3   Example 4   Example 5   Example 6
    Example 7   Example 8

    - *Resources:*
        - *W3Schools Color Picker:*
          https://www.w3schools.com/colors/colors_picker.asp
        - *Color Palette Generator: https://colorhunt.co/*
        - *Coolors Color Generator: https://coolors.co/*
        - *Bootstrap: https://getbootstrap.com/*
        - *High quality free images: Unsplash*
        - *Icon Gallery: https://fontawesome.com/*
        - *Animate CSS: https://animate.style/Coolors*
        - *Cool buttons: https://www.buttons.cool/*
        - *Codepen: https://codepen.io/*
        - *Using Flexbox: https://css-tricks.com/snippets/css/a-guide-to-flexbox/*
        - *HTML/CSS Cheat Sheet: https://htmlcheatsheet.com/*
        - *https://devmission-rpa.github.io/rpa-curriculum/index.html*
- 15 min before class ends
    - Homework:
        - **Create your 'About Me' page** (due by next class, **7/09**)
        - **Final Web App Proposal** (due by next class, **7/09**)
        - **W3Schools Bootstrap Exercises** (due by next class, **7/09**)
        - **Flexbox Froggy** (due by next class, **7/09**)
        - **Read the Front End vs Back End article** then answer the questions in the Google Doc (to be completed by **07/16**)
        - **Freecodecamp - Basic JavaScript**: (due 4 weeks from now, **8/01**)
            - We will be building a web app that allows you to show, filter, and (if time permits) create and edit objects in your Airtable database.

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- Look at other web apps (inspect the HTML!) to get ideas of what you want to create. Today we will formally work on final web app proposals.

Add the URL for your 'About Me' page to the table below ('Live site' not 'Code')

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Serena Wee	https://serenawee.github.io/About-Me/	Moises Hernandez	
Carlos Ascencio	https://itscarlos415.github.io/About-Me/	Mia Ly	
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