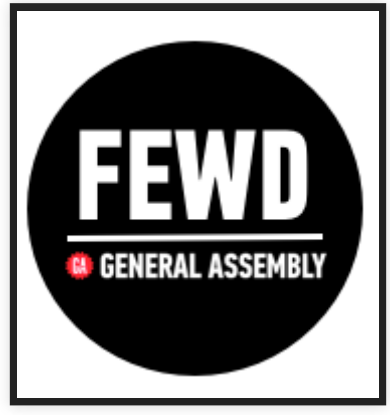
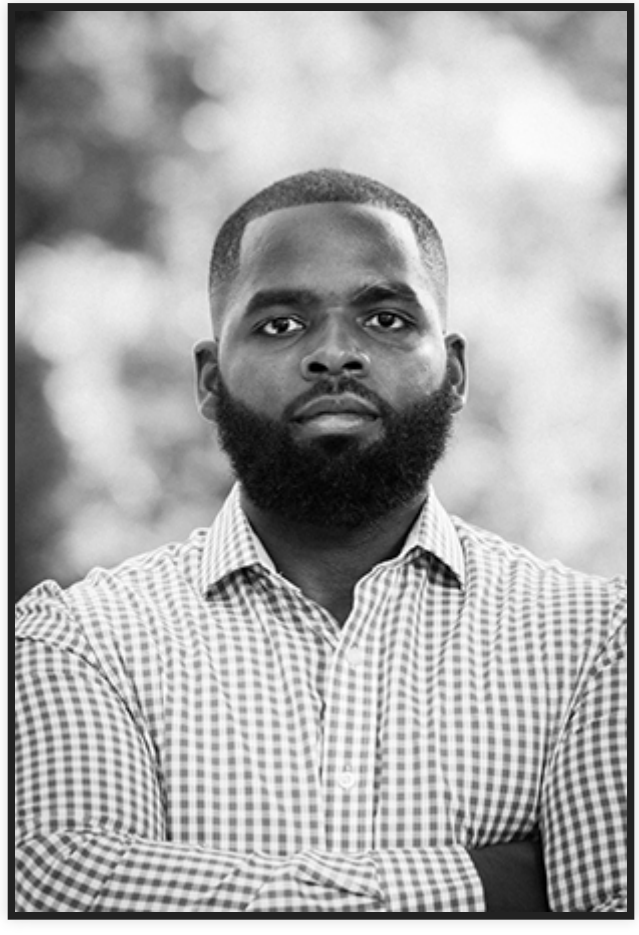


LESSON 1 - HTML BASICS

LESSON 1 AGENDA

- Introductions
- Develop Classroom Culture
- Outline today's Learning Objectives
- Review HTML Tags & CSS Selectors
- Dive into HTML Structure Reading w/ Understanding
- Learn about External Style Sheets
- Lab Time

INTRODUCTIONS



My name is Mansoor Siddeeq and I am a Senior Support Engineer at Salesforce.

A LITTLE MORE BIT ABOUT ME...

- Originally from Indianapolis, IN
- Moved to ATL in 2013 to become a "Pardashian"
- Took FEWD5 at GA to brush up on my front end skills
- Interesting fact: I was ran over by a merry-go-round when I was little (true story)

AND YOU CAN FIND ME ON...

- Twitter: @Mr_Siddeeq
- LinkedIn: /msiddeeq
- Slack: @mansoorsiddeeq
- Email: mansoor@msiddeeq.com

WHAT ABOUT YOU?

- Name
- What you do now
- What brought you to GA
- What do you hope to get out of this class
- Share an embarassing/interesting story about yourself

CLASSROOM CULTURE & VALUES

HERE ARE A FEW OF MY COMMON VALUES...

- Be present and involved
- Be respectful of other people's time
- Honor your commitments
- ...

BE PRESENT AND INVOLVED

BE RESPECTFUL OF OTHER PEOPLE'S TIME

HONOR YOUR COMMITMENTS

PULSE CHECK

What about you? What are some common values you think should be included?

LEARNING OBJECTIVES:

TODAY, WE WILL...

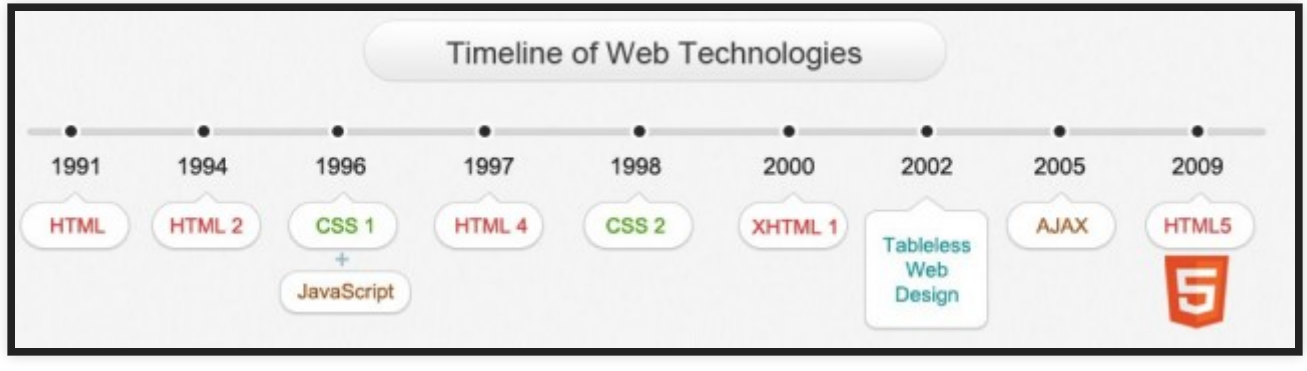
- Review HTML/CSS syntax
- Apply basic HTML tags to a web page/experiment with content structure
- Create and Link an external stylesheet

HTML TAGS & CSS SELECTORS REVIEW

HTML BASICS

- HTML stands for **Hypertext Markup Language**
- It gives your content **structure**
- HTML is written using **tags** wrapped in angle brackets "< >"

BRIEF HISTORY OF HTML



HTML VS HTML5

- HTML5 is the current version of HTML
- We use the Doctype element to tell the browser to render the webpage using HTML5 standards

```
<!DOCTYPE html>
```

PULSE CHECK

General Assembly offers Classes and Workshops Worldwide For Immediate Release General Assembly, which started in New York as a startup incubator, now offers classes and workshops in technology, design, and entrepreneurship, with campuses around the world in: Berlin, Boston, Hong Kong, London, Los Angeles, New York City, San Francisco, Sydney, Washington D.C For more information, visit General Assembly's

General Assembly offers Classes and Workshops Worldwide

For Immediate Release

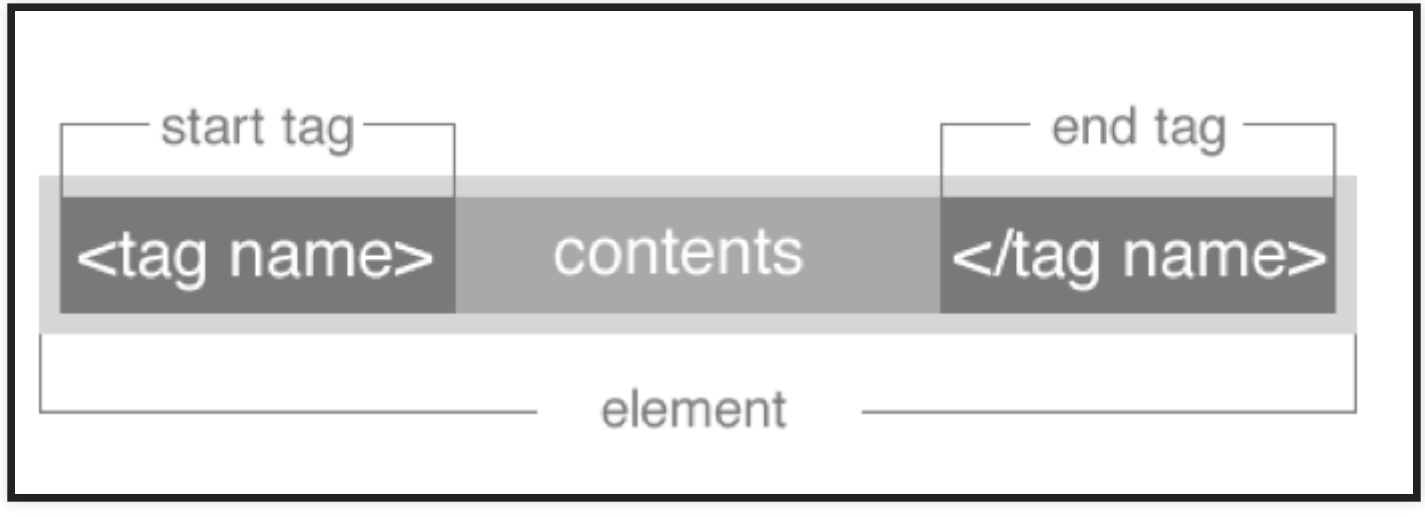
General Assembly, which started in New York as a startup incubator, now offers classes and workshops in technology, design, and entrepreneurship, with campuses around the world in:

- Berlin
- Boston
- Hong Kong
- London
- Los Angeles
- New York City
- San Francisco
- Sydney
- Washington D.C

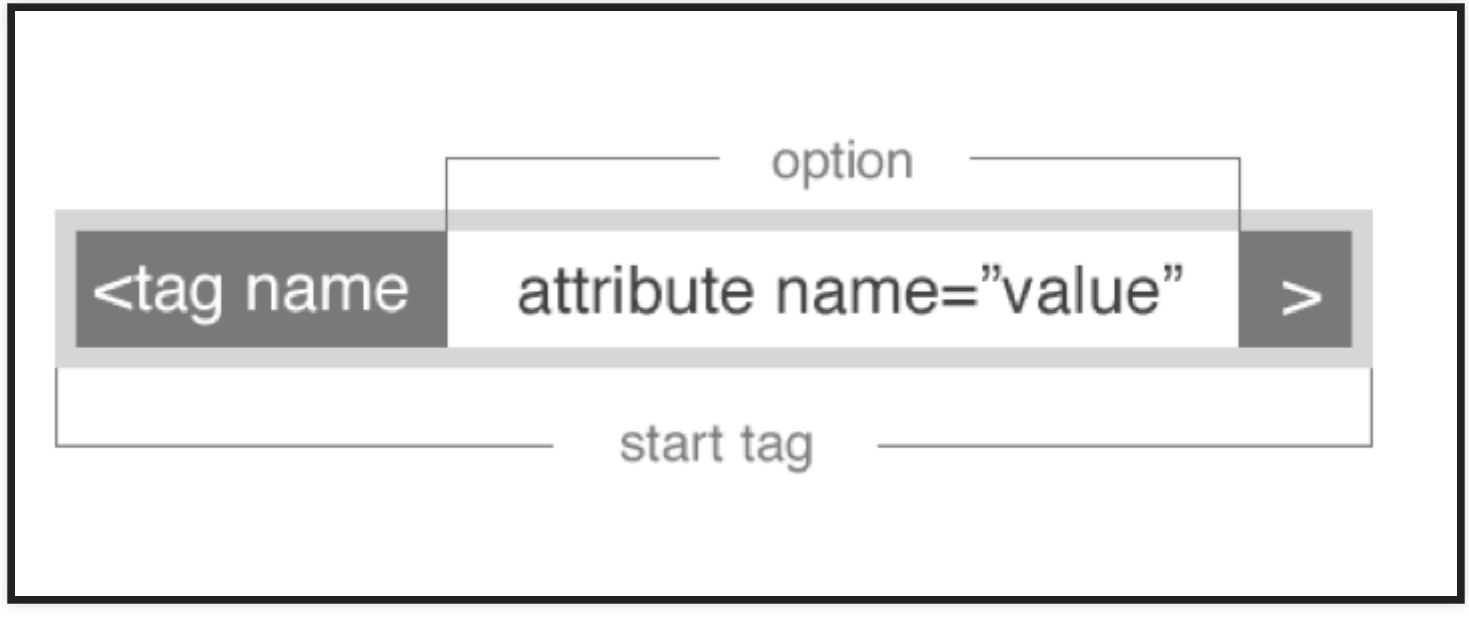
For more information, visit General Assembly's website.

BASIC HTML SYNTAX

HTML ELEMENTS AND TAGS

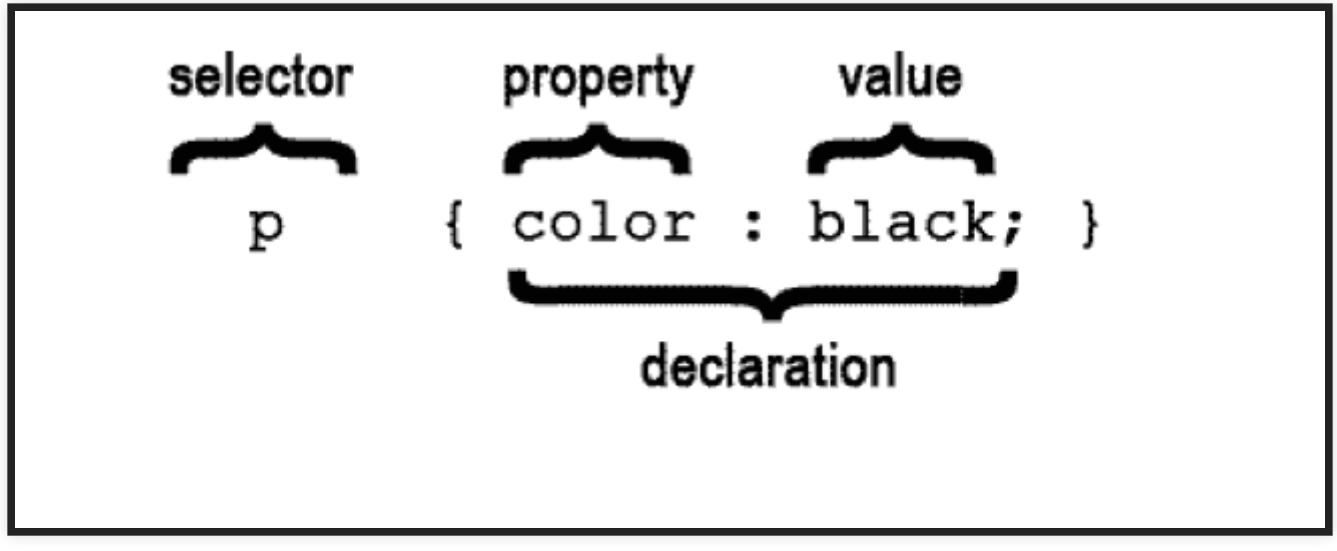


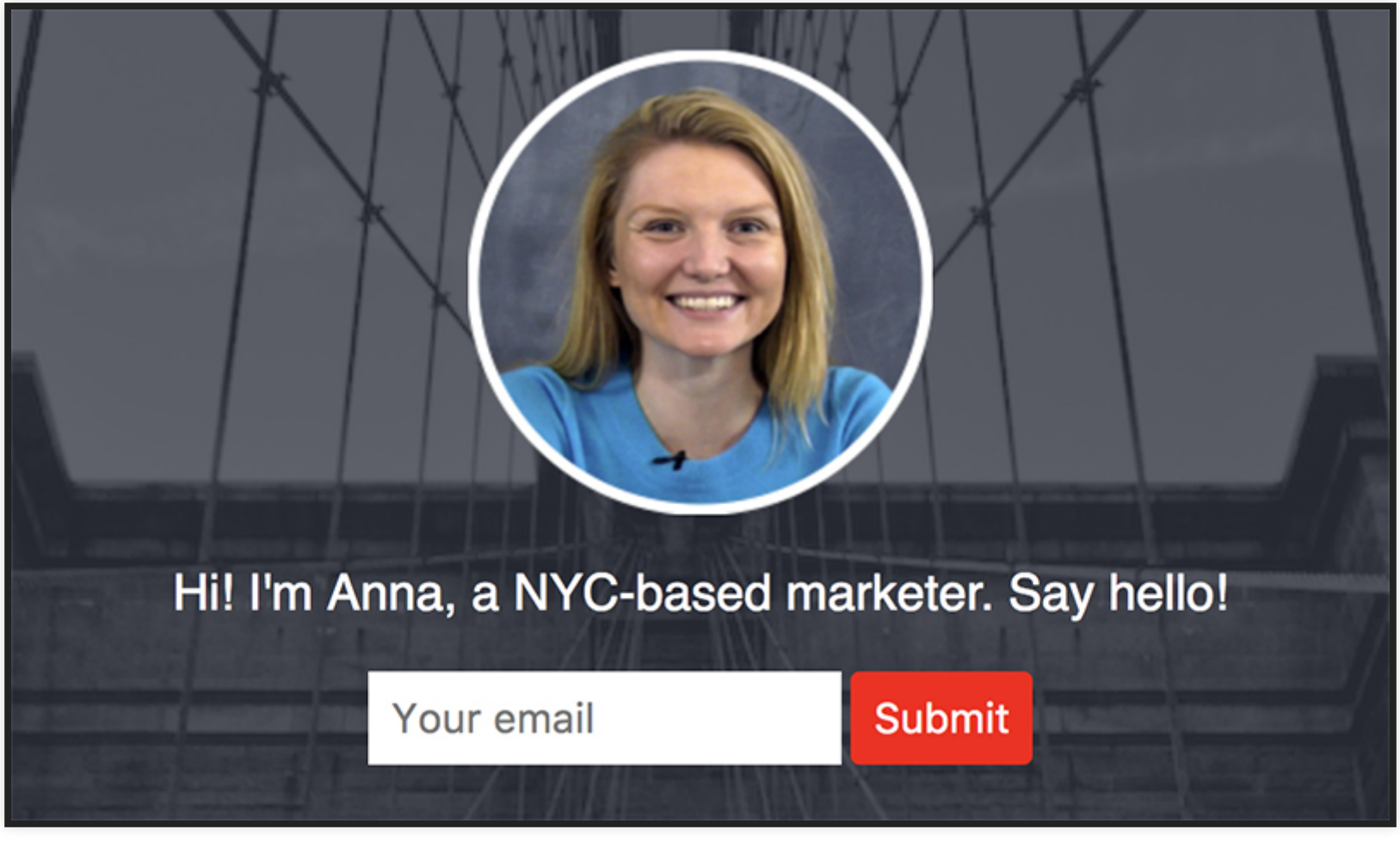
HTML TAG ATTRIBUTES



BASIC CSS SYNTAX

CSS SELECTOR AND PROPERTIES




Hi! I'm Anna, a NYC-based marketer. Say hello!
Your email
Submit

ADDING STRUCTURE

BASIC HTML CONTENT TAGS

HEADING ELEMENTS

```
<h1>Largest Heading</h1>
<h2> . . . </h2>
<h3> . . . </h3>
<h4> . . . </h4>
<h5> . . . </h5>
<h6>Smallest Heading</h6>
```

TEXT ELEMENTS

```
<p>This is a paragraph</p>
<code>This is some computer code</code>
```

UNORDERED LIST

```
<ul>
    <li>List item</li>
    <li>List item</li>
</ul>
```

LIST ITEMS

```
<li>List item</li>
<li>List item</li>
<li>List item</li>
```

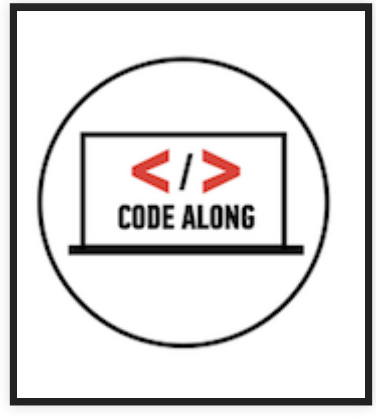
HYPERLINKS

```
<a href="Link">Link Text</a>
```

GREAT RESOURCES

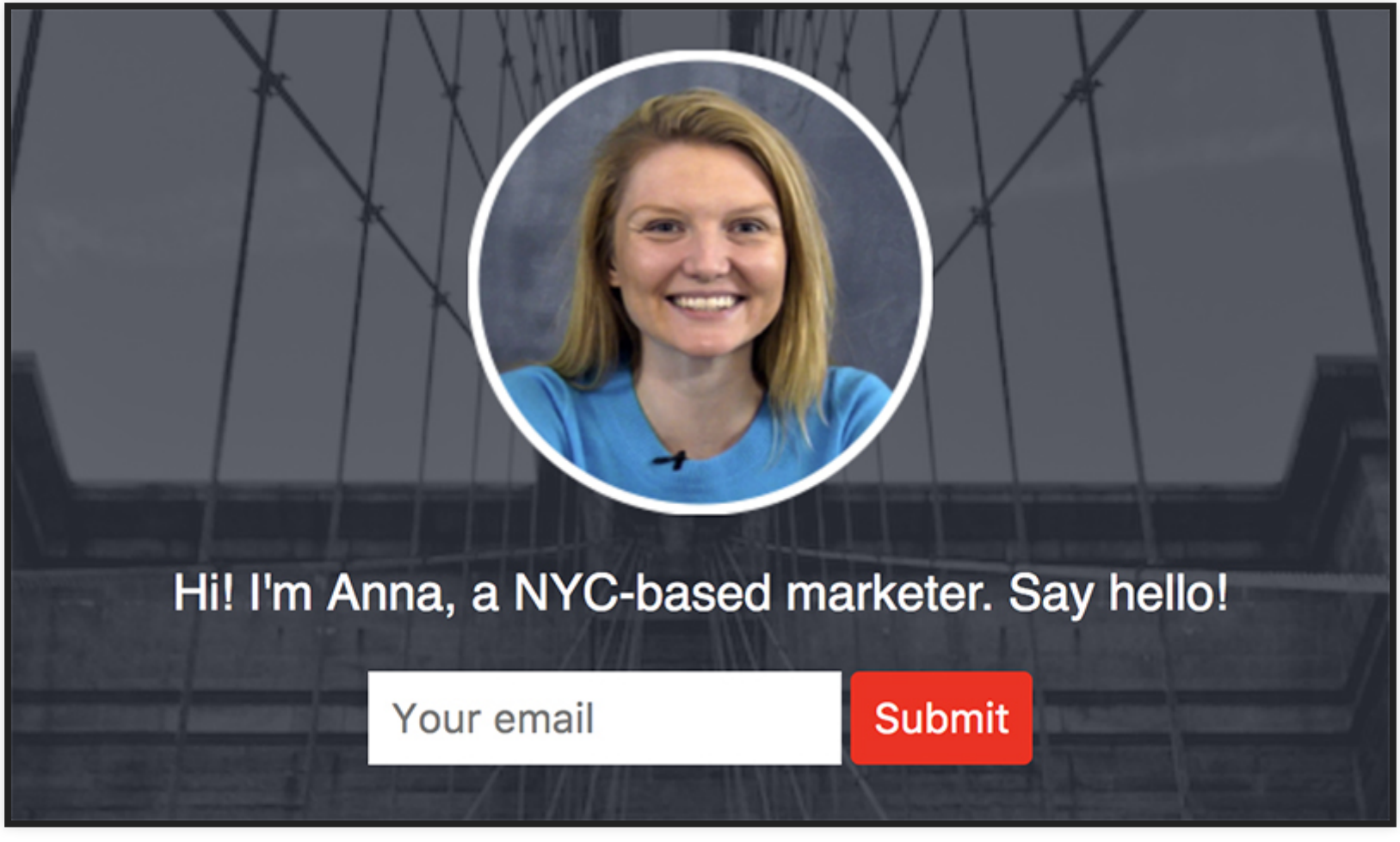
- Mozilla Developer Network
- W3Schools
- CSSTricks

CODE ALONG 1 - HTML STRUCTURE



GENERAL ASSEMBLY PRESS RELEASE - HTML

EXTERNAL CSS


Hi! I'm Anna, a NYC-based marketer. Say hello!
Your email
Submit

PULSE CHECK

When we added CSS to Anna's webpage in DASH, where did we place the styles?

```
<!DOCTYPE html>
<head>
  <title>Anna Dowlin</title>
  <style>
    body {
      text-align: center;
      background: black;
      color: white;
      font-family: helvetica;
    }

    h1 {
      text-align: center;
    }

    p {
      text-align:center;
    }
  </style>
</head>
<body>
  <h1>Anna Dowlin</h1>
  <p>Hi! I'm Anna, a NYC-based marketer. Say hello!</p>
  <input type="email" placeholder="Your email">
  <input type="submit">
</body>
```

INTERNAL CSS

Internal CSS consists of any styles placed inside the `<style></style>` section of your webpage

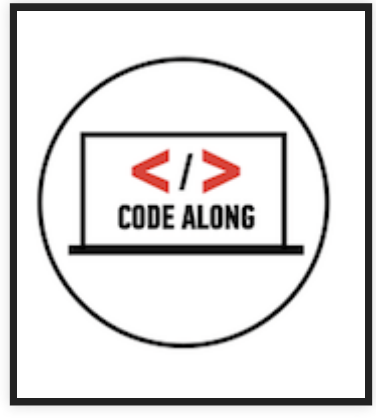
EXTERNAL CSS

By contrast, styles that are placed in a separate .css file and linked to the HTML page are considered External CSS

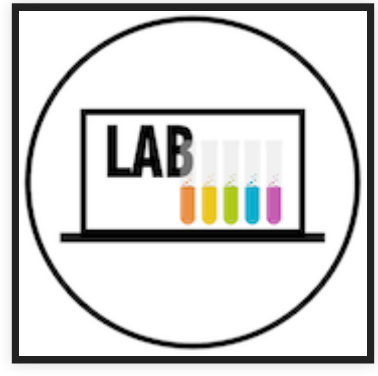
PULSE CHECK

If you are tasked with developing a major web application with multiple pages, can you think of some pros/cons to using Internal vs External CSS?

CODE ALONG 2 - EXTERNAL CSS



GENERAL ASSEMBLY PRESS RELEASE - CSS



COOKIE RECIPE

LEARNING OBJECTIVES REVIEW

- We Reviewed basic HTML/CSS syntax and how it relates to Anna's DASH website
- We Applied basic HTML tags to a web page (GA Press Release/Cookie Recipe) to give it's content structure
- We Created and Linked an external stylesheet to our HTML

NEXT CLASS - CSS BASICS

HOMEWORK

- Create a resume website (Use the same basic content/layout structure from the GA Press Release activity -- no need for anything fancy)
- Watch a video on the Internet about the Internet - https://www.youtube.com/watch?v=Dxcc6ycZ73M
- Read about CSS Colors
- Don't worry about submitting the resume website to me just yet, but make sure you work on it.