

Fundamentals of Web-Based Multimedia Communications: Imagining the Internet's Interface

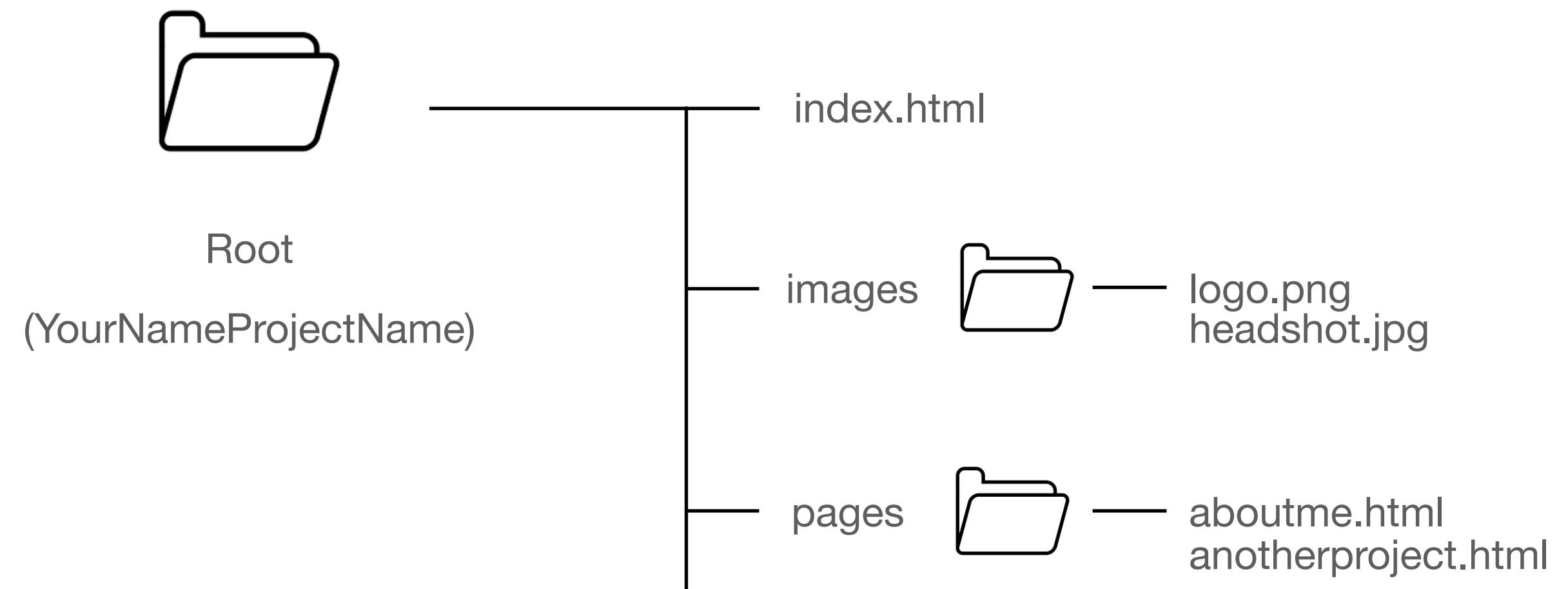
Accessibility for Web Dev and Basic CSS

Wednesday 9/14, 1:45-3:00pm
Smith Warehouse Bay 12 A228
CMAC 240L, CMAC 740L, ISS 240L, ISS740L, VMS288L, VMS788L

Partner Critiques

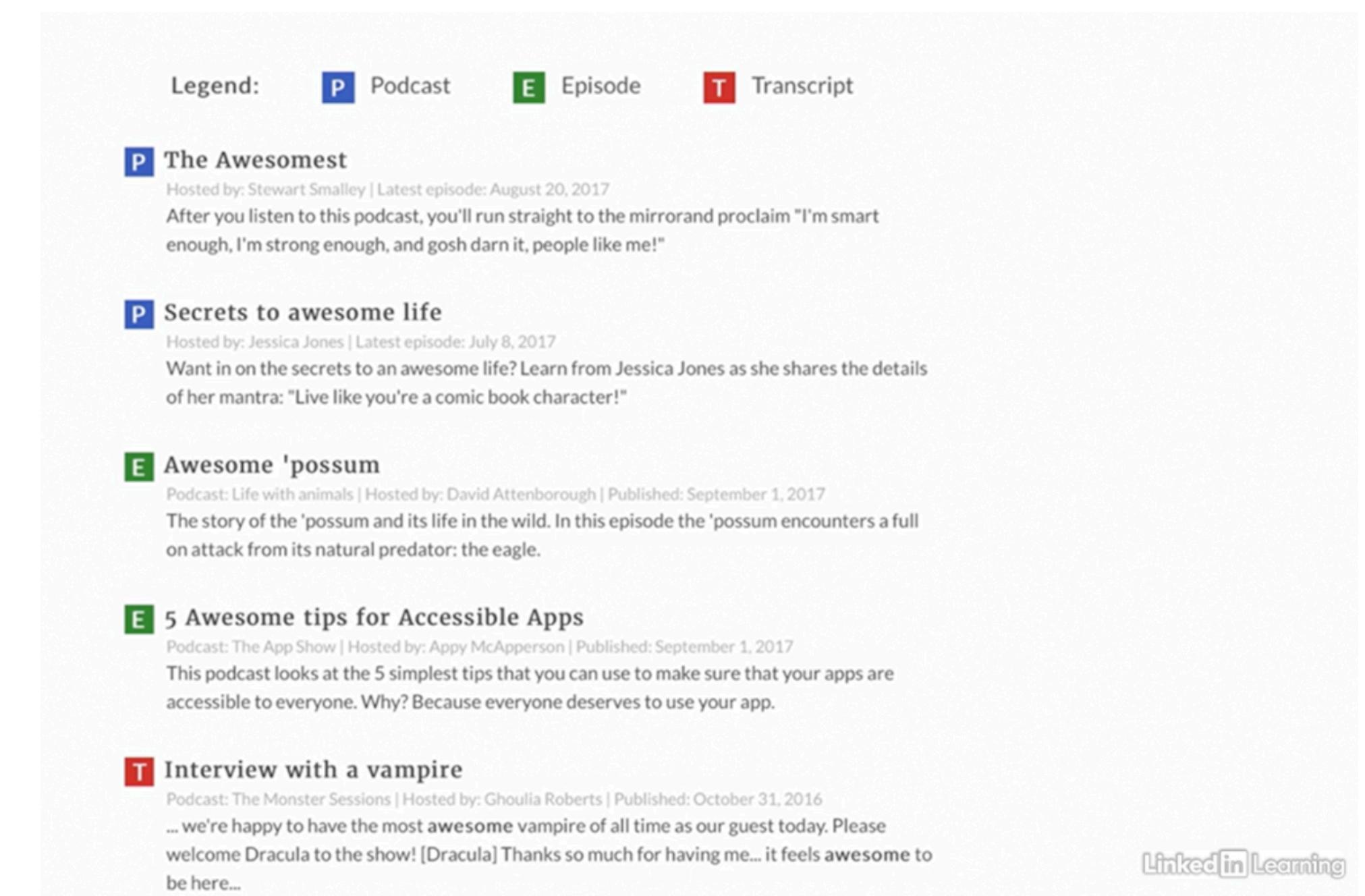
1. What is the intention of the project?
What's next for the website? (Give feedback)
2. Do you have the **right file structure?**
3. Is the main html page **index.html?**
4. Are the image/html/other website links correct (not local links to your computer)?
5. Is there a meta tag in the head element?
6. Was accessibility a consideration?
Show an example.
7. Are there any technical issues?
(Brainstorm solutions together)

Reminder: file structure!



Accessibility for Web Design

Discussion: what did we learn?



Legend: P Podcast E Episode T Transcript

P **The Awesomest**
Hosted by: Stewart Smalley | Latest episode: August 20, 2017
After you listen to this podcast, you'll run straight to the mirror and proclaim "I'm smart enough, I'm strong enough, and gosh darn it, people like me!"

P **Secrets to awesome life**
Hosted by: Jessica Jones | Latest episode: July 8, 2017
Want in on the secrets to an awesome life? Learn from Jessica Jones as she shares the details of her mantra: "Live like you're a comic book character!"

E **Awesome 'possum**
Podcast: Life with animals | Hosted by: David Attenborough | Published: September 1, 2017
The story of the 'possum and its life in the wild. In this episode the 'possum encounters a full on attack from its natural predator: the eagle.

E **5 Awesome tips for Accessible Apps**
Podcast: The App Show | Hosted by: Appy McApperson | Published: September 1, 2017
This podcast looks at the 5 simplest tips that you can use to make sure that your apps are accessible to everyone. Why? Because everyone deserves to use your app.

T **Interview with a vampire**
Podcast: The Monster Sessions | Hosted by: Ghoulia Roberts | Published: October 31, 2016
... we're happy to have the most awesome vampire of all time as our guest today. Please welcome Dracula to the show! [Dracula] Thanks so much for having me... it feels awesome to be here...

LinkedIn Learning

Color contrast checker: <https://webaim.org/resources/contrastchecker/>

Image captions, using <alt> attribute



museummammy • Follow

museummammy biggest mood ever. ill spare y'all the long caption. this is a word. celebrate every version of yourself, every day.

@serenabrown • image description: a manicured hand holds a paper that says: remember you once dreamt of being where you are now

179w

cbrantmills11 Never happened 🙏

154w 1 like Reply

dekany_dora @_berosie_ !!

154w Reply

ammars @simonooooo 😊

Like button, Comment button, Share button

Liked by teke.jpg and 11,267 others

APRIL 5, 2019

Image captions on social media.

```
<!DOCTYPE html>
<html>
<body>

<h1>The img element</h1>



</body>
</html>
```

The img element



Using alt image captions in html.

CSS: Cascading Style Sheets

CSS syntax

property: value;

property: value(s);

color:red ;

property value

This diagram shows a red rounded rectangle containing the CSS declaration 'color:red ;'. Two black arrows point upwards from the text 'property' and 'value' to the corresponding parts of the declaration: 'color' and 'red'.

border:1px solid blue ;

property values

This diagram shows a red rounded rectangle containing the CSS declaration 'border:1px solid blue ;'. Two black arrows point upwards from the text 'property' and 'values' to the corresponding parts of the declaration: 'border' and '1px solid blue'.

CSS: “Inline” and “Internal”

Q: is this Inline or Internal CSS?

```
<h1 style="color: #rgb(94, 52, 179)">Quotes by C.S. Lewis</h1>
<h2 style="color: #white">Growing Up</h2> <!--test-->
<blockquote style="color: #white; text-align:center" >"Critics who treat 'adult' as a term of approval, instead of as a merely
descriptive term, <em style="color: #rgb(94, 52, 179)"><b>cannot be adult themselves.</em></b><br> To be
concerned about being
grown up, to admire the grown up because it is grown up, to blush at the <br>
suspicion of being childish; <em style="color: #rgb(94, 52, 179)"><b>these things are the marks of childhood and
adolescence.</em></b> <br>And in childhood and adolescence they are, in moderation,
healthy symptoms. <p>Young things ought to want to grow. But to carry on
into middle life or even into early manhood this concern about being adult <br>
is a mark of really arrested development. When I was ten, I read fairy tales
in secret and would have been ashamed if I had been found doing so. <br>
Now that I am fifty I read them openly. When I became a man I put away
childish things, <br> <em style="color: #rgb(94, 52, 179)"><b>including the fear of childishness and the desire
to be very grown up.</em></b>"<cite> - C.S. Lewis</cite></p></blockquote>
```

Credit: Kyle

A: Inline- “style” is an HTML attribute

Q: is this Inline or Internal CSS?

A: Internal-
The format is the
same as a separate
.cs file, but
incorporated in
the .html file within
a style element

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Let's Roooll</title>
  <style>

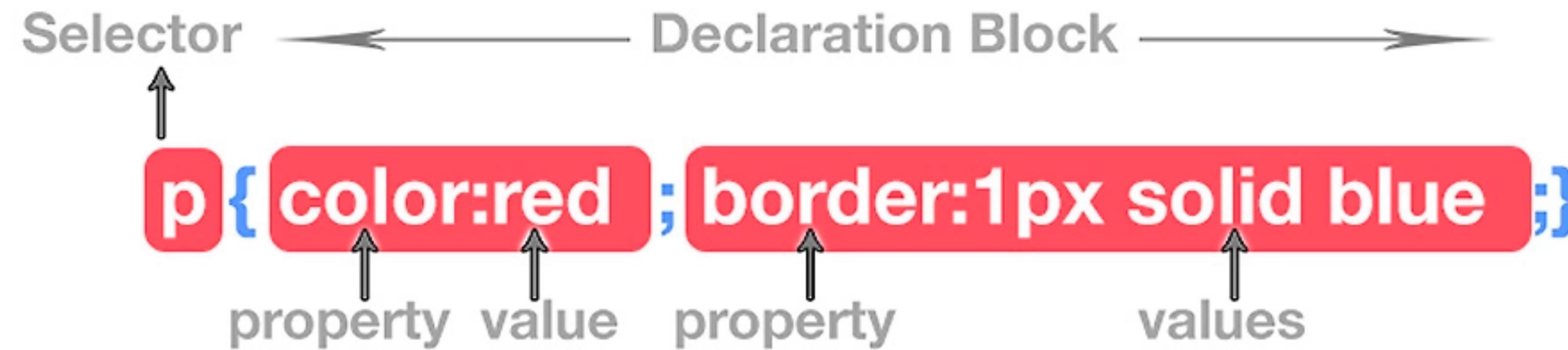
    .lyrics{
      text-align: center;
    }

    p {
      display: flex;
      justify-content: center;
      transform: scale(.5);
      font-size: 50px;
      font-family: 'Courier New', Courier, monospace;
      font-weight: bold;
      color: ■white;
      -webkit-text-stroke: 1px □black;
      cursor: pointer;
      transition: transform 500ms;
    }

    p:hover {
      color: ■yellow;
    }

    p:hover, p:focus, p:active {
      transform: scale(1);
    }
  </style>
</head>
<body>
  <p class="lyrics">Let's Roooll</p>
</body>
</html>
```

CSS using selectors



Q: What does “Cascading” refer to?

A: The order of priority—how the browser knows what style to apply if there is a conflict

CSS priority scheme (highest to lowest)

Priority	CSS source type	Description
1	Importance	The " <code>!important</code> " annotation overwrites the previous priority types
2	Inline	A style applied to an HTML element via HTML "style" attribute
3	Media Type	A property definition applies to all media types, unless a media specific CSS is defined
4	User defined	Most browsers have the accessibility feature: a user defined CSS
5	Selector specificity	A specific contextual selector (<code>#heading p</code>) overwrites generic definition
6	Rule order	Last rule declaration has a higher priority
7	Parent inheritance	If a property is not specified, it is inherited from a parent element
8	CSS property definition in HTML document	CSS rule or CSS inline style overwrites a default browser value
9	Browser default	The lowest priority: browser default value is determined by W3C initial value specifications

Where to get CSS ideas

- inspect websites you like
- visit w3schools

To do:

Add some inline or internal CSS
(Nothing to officially hand in to Sakai for Friday)

Challenge: CSS Animations