

# Software Development

## Foundations Lesson 3

# Agenda

- 01. HTML5 recap
- 02. CSS introduction
- 03. Applying styles
- 04. CSS layout

# Learning objectives

**Modify a HTML document using CSS**

# HTML5 recap

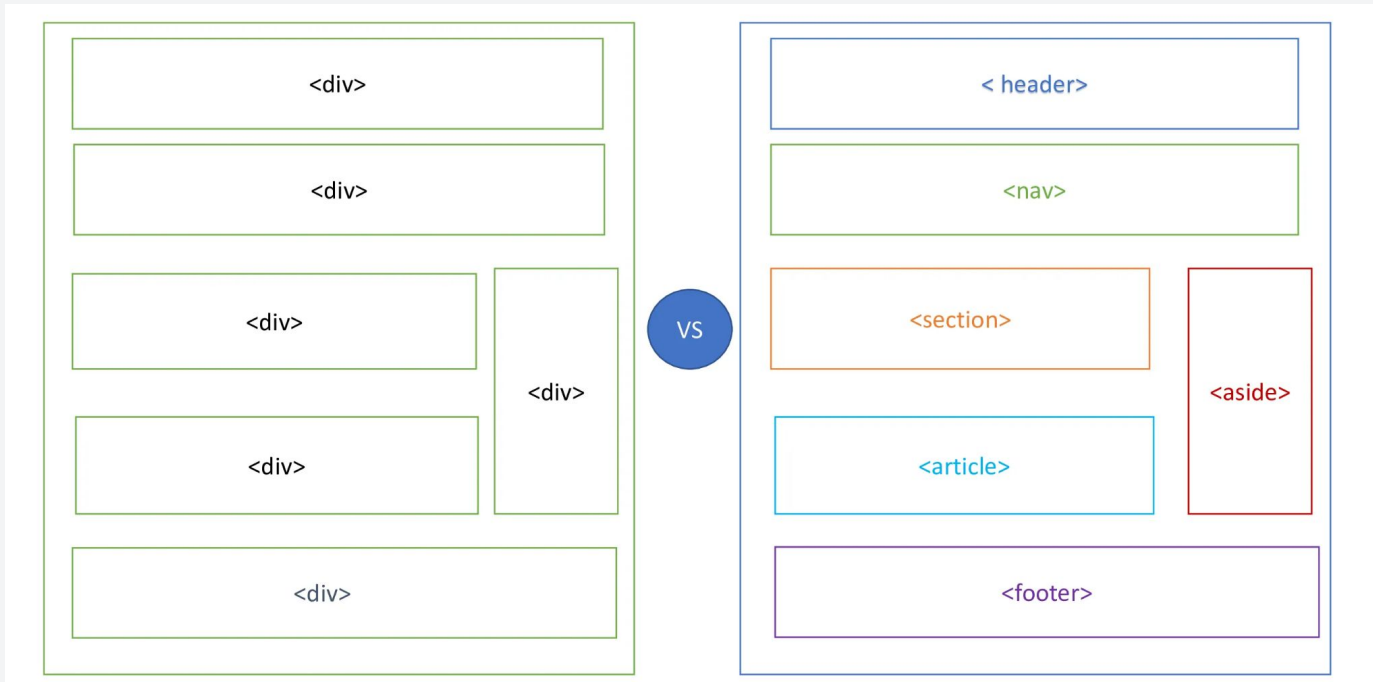
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Questions:

- How do markup languages work?
- What are some common HTML5 tags and what are they used for?
- What are the layout tags in HTML5?
- How was musician website from last week's lesson?

# Semantic HTML

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# Semantic HTML

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Why?

- Easy to read / scan HTML
- Better for SEO
- Better for screen readers / accessibility
- Maintainability of code
- To use build-in styles & behaviors

# CSS

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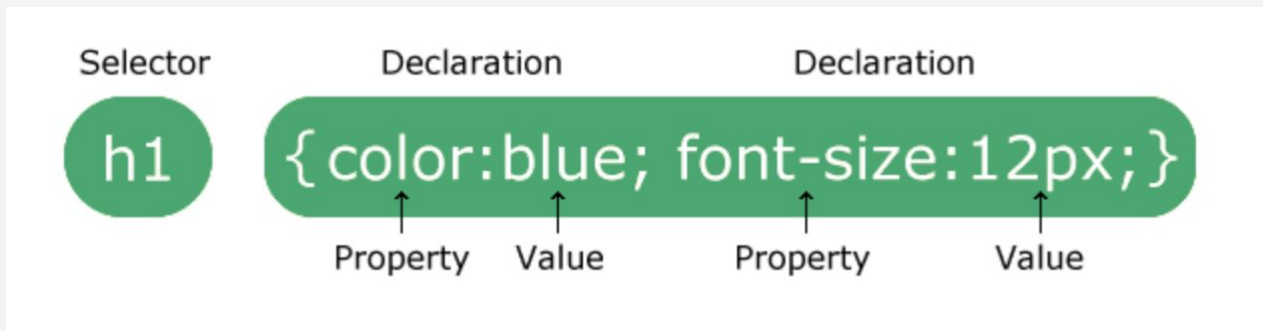
CSS  
IS  
AWESOME



# CSS

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- HTML and CSS
- How to create a stylesheet
- Inline CSS
- Internal CSS
- External CSS





# Break

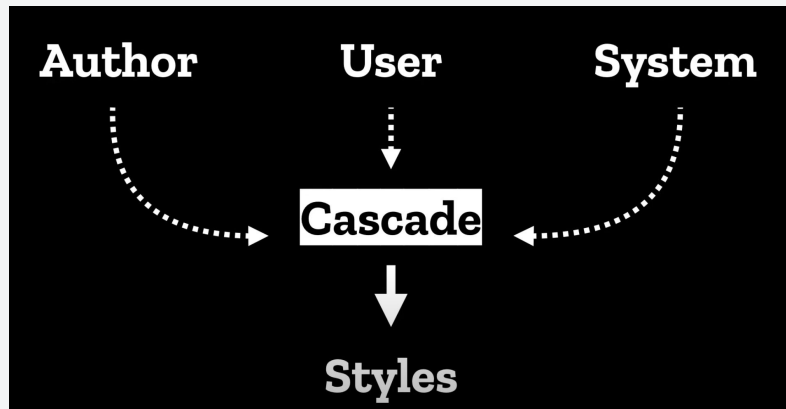
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# Cascading Style Sheets

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1. Relevance
2. Origin and importance(1994 proposal & 1996 first version of css)
3. Specificity
4. Scoping proximity
5. Order of appearance



# Exercise (20 mins)

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Install "Live Preview" extension in VS Code

Create a simple website and style it with CSS

- Use **<body>**, **<h1>**, **<h2>** and **<p>** tags
- Use colors, borders, margins, etc.
- Use measurements in px, pt and % to see the difference

NOTE: Please use

[https://developer.mozilla.org/en-US/docs/Learn/Getting\\_started\\_with\\_the\\_web/CSS\\_basics](https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/CSS_basics) for syntax reference.

## Exercise (25 mins)

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Use the menu webpage that was created last lesson and add CSS to it

Use classes to change each menu element

# For next class

**Apply CSS to the musician website from  
last lesson**