

HTML Formatting and Attributes

SENG 4640
Software Engineering for Web Apps
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Review

- HTML is a plain-text, human-readable language that is used for representing content on the Web
- HTML specifies how to structure the data but not (necessarily) how to display it

HTML uses tags to provide the structure

Review: HTML tags

- paragraph
- •<h#> header
- • bold (also)
- •<i> italics (also)
- •<hr> horizontal rule
- •
 break
- •<div> block of text
- • small section of text



This is the most important header

This is a paragraph supporting the most important header.

This is a subheader

This is a paragraph supporting the subheader. Notice that the font size of the subheader is smaller than the size of the most important header.

Thought of the Day

Today's thought of the day: "Don't make excuses, make improvements"> -- Tyra Banks

Additional supporting text

Today we've learned about DOCTYPE declarations, head tags, body tags, heading tags, paragraph tags, & Inline vs. Block-level containers.

HTML Attributes

- Purpose of an attribute: provide additional information about a particular HTML element
- Always included within element's start tag
- Usually comes in name/value pair as follows:
 name="value"
 - name usually specifies the property of the element for which additional information is being provided
 - value –this is selected from set of possible values for given property

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This is a paragraph with a defined attribute

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- When user hovers over the element, a "tooltip" will appear at the cursor with the suggested title

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This Is A Heading

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```
Hello <span style="color:white; background-color:green;
font-family:verdana; font-size:200%">world!</span>
```

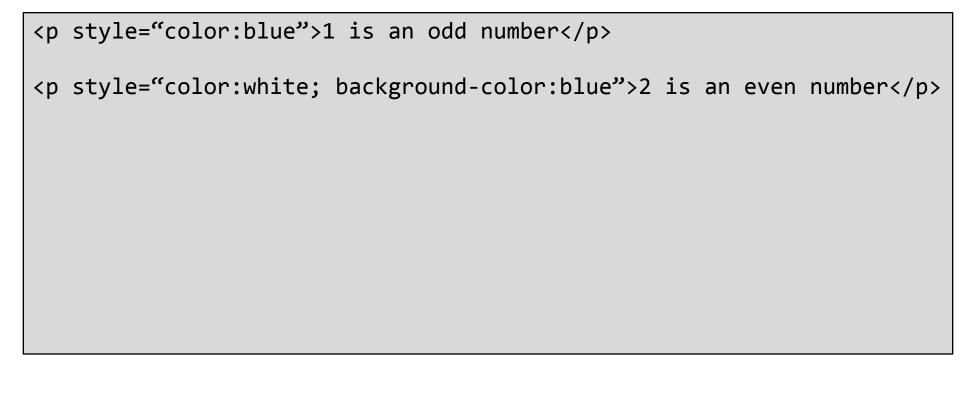
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<pre>1 is an odd number</pre>
<pre>2 is an even number</pre>

<pre>1 is an odd number</pre>
<pre>2 is an even number</pre>

```
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Core Attributes: id and class

Used to uniquely identify elements within an HTML document

• id

- Provide ability to refer to specific element; id must be unique
- Examples: header, footer

• class

- Provide ability to refer to subgroups of elements within html document; does not have to be unique
- Examples: comment, warning

```
1 is an odd number
2 is an even number
3 is an odd number
4 is an even number
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<!DOCTYPE html>
<html>
<head>
<style>
.odd {
  color: blue;
.even {
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</style>
</head>
<body>
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Summary

- You can use a tag's attributes to give it properties
- The **style** attribute allows you to change the appearance of the text within that element

 The class attribute allows you to group elements so that they can easily have the same style applied