



BCSE203E- Web Programming

Activity -21.1.2.2024

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SLOT: L3+L4+L23+L24

Trace the output for the following elements and infer the similarities and differences

1. Div and span

Screenshot code	Screenshot output
<pre><body> <h2>Div vs Span</h2> <div>This is a div</div> This is a span</pre>	Div vs Span This is a div This is a span
Div - Block-level container for grouping elements. Span - Inline container for styling or scripting specific text. Inference - <div>is for layout and structure; is for inline styling	

2. Div and section

Screenshot code	Screenshot output
<pre><h2>Div vs Section</h2> <div>This is a div</div> <section>This is a section</section></pre>	Div vs Section This is a div This is a section
Div - Generic block-level container with no semantic meaning. is for generic use; conveys meaning in document structure. Section - Semantic block to group related content. Inference - <div>is for generic use; <section>conveys meaning in document structure.	


3. Paragraph and article

Screenshot code	Screenshot output
<pre> <h2>Paragraph vs Article</h2> <p>This is a paragraph.</p> <article> <h2>Article Title</h2> <p>This is an article with its own content.</p> </article> </pre>	<p>Paragraph vs Article</p> <p>This is a paragraph.</p>
<p>Paragraph - Represents a block of text. Article - Self-contained content like blog posts or news. Inference - is for individual text blocks; is for reusable, standalone content.</p>	

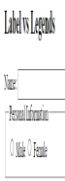
4. Navigation and anchor

Screenshot code	Screenshot output
<pre> <h2>Navigation vs Anchor</h2> <nav> Home About </nav> Visit Example </pre>	<p>Article Title</p> <p>This is an article with its own content.</p>
<p>Navigation - Groups multiple links for site navigation. Anchor - Creates a hyperlink to navigate or link resources. Inference - is for link groups; is for individual links.</p>	

5. Figure and image

Screenshot code	Screenshot output
<pre> <h2>Figure vs Image</h2> <figure> <figcaption>caption</figcaption> </figure> </pre>	
<p>Figure - Groups an image with a caption. Image: Displays a standalone image. Image - Displays a standalone image. Inference - <figure> adds context; <image> is for basic image display</p>	

6. Label and legends

Screenshot code	Screenshot output
<pre> <h2>Label vs Legends</h2> <form> <label for="name">Name:</label> <input type="text" id="name"> <fieldset> <legend>Personal Information</legend> <input type="radio" name="gender" value="male"> Male <input type="radio" name="gender" value="female"> Female </fieldset> </form> </pre>	
<p>Label - Associates text with a form control.</p> <p>Legends - Describes a group of related form controls in a <field set></p> <p>Inference - targets single inputs; groups fields contextually</p>	

7. Strong vs bold vs emphasis tag

Screenshot code	Screenshot output
<pre> <h2>Strong vs Bold vs Emphasis</h2> This text is strong
 This text is bold
 This text is emphasized </body> </html> </pre>	<p>Strong vs Bold vs Emphasis</p> <p>This text is strong</p> <p>This text is bold</p> <p><i>This text is emphasized</i></p>
<p>Strong - Semantically important, renders bold.</p> <p>Emphasis - Indicates stressed text, renders italicized.</p> <p>Bold - Bold text with no semantic meaning.</p> <p>Inference - conveys importance; is presentational; <i>adds emphasis</i>.</p>	

ACTIVITY 5:**AIM:**

To create a github repository and all web pages.

PROCEDURE:

1. Go to GitHub, create a new repository, and make it public.
2. Upload all the files to the repository.
3. Go to Settings > Pages, select the branch and save. Copy the provided website link.
4. Record Video.
5. Upload the embed Video.

GITHUB LINK:

<https://github.com/Akshaya-Hari/webprogramming>

RESULT:

A Github repository was created and files were added.