



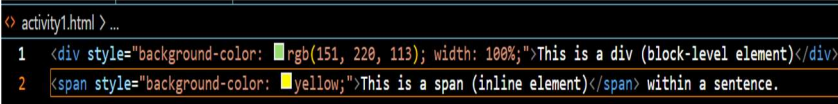
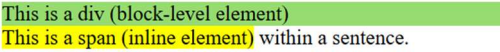
BCSE203E- Web Programming

Name: Amy Jose

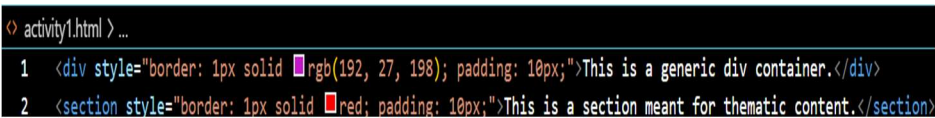
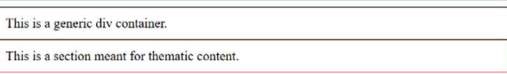
Activity -21.1.2.2024

Differences between:

1.Div and span

Screenshot code	Screenshot output
 <pre>activity1.html > ... 1 <div style="background-color: rgb(151, 220, 113); width: 100%;>This is a div (block-level element)</div> 2 This is a span (inline element) within a sentence.</pre> <div>21/12/2024 6:45 PM</div>	 <p>This is a div (block-level element) This is a span (inline element) within a sentence.</p> <div>21/12/2024 6:46 PM</div>
<p>Div – Block-level container that takes full width and starts on a new line Span – Inline container that only takes necessary width and flows within text Inference - Div is for sectioning content, while span is for inline text styling</p>	

2.Div and section

Screenshot code	Screenshot output
 <pre>activity1.html > ... 1 <div style="border: 1px solid rgb(192, 27, 198); padding: 10px;>This is a generic div container.</div> 2 <section style="border: 1px solid red; padding: 10px;>This is a section meant for thematic content.</section></pre> <div>21/12/2024 6:50 PM</div>	 <p>This is a generic div container. This is a section meant for thematic content.</p> <div>21/12/2024 6:50 PM</div>
<p>Div – Generic container without semantic meaning Section– Semantic container for thematically-related content Inference - Section provides meaning to search engines and accessibility tools, while div is purely for layout</p>	

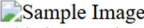
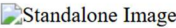
3.Paragraph and article

Screenshot code	Screenshot output
<pre>activity1.html > ... 1 <p>This is a single paragraph of text.</p> 2 <article> 3 <h2>Article Title</h2> 4 <p>This is an article that contains multiple paragraphs or related content.</p> 5 <p>Another paragraph in the article.</p> 6 </article></pre> <div>21/12/2024 6:56 PM</div>	<p>This is a single paragraph of text.</p> <p>Article Title</p> <p>This is an article that contains multiple paragraphs or related content.</p> <p>Another paragraph in the article.</p> <div>21/12/2024 6:56 PM</div>
<p>Paragraph– Contains a single block of text</p> <p>Article– Self-contained, independently distributable content</p> <p>Inference - Article is for complete pieces of content, while paragraph is for text blocks</p>	

4.Navigation and anchor

Screenshot code	Screenshot output
<pre>activity1.html > ... 1 <nav> 2 Home 3 About 4 </nav> 5 This is a standalone anchor link.</pre> <div>21/12/2024 7:00 PM</div>	<p>Home About</p> <p>This is a standalone anchor link.</p> <div>21/12/2024 7:01 PM</div>
<p>Navigation– Container for navigation links</p> <p>Anchor – Individual hyperlink</p> <p>Inference - Nav provides context for a group of related links, while anchor is a single link</p>	

5.Figure and image

Screenshot code	Screenshot output
<pre>activity1.html > ... 1 C:\Users\HP\OneDrive\Documents\Desktop\HTML\activity1.html 2 3 <figcaption>This is a caption for the image.</figcaption> 4 </figure> 5 </pre> <div>21/12/2024 7:04 PM</div>	<p> Sample Image This is a caption for the image.</p> <p> Standalone Image</p> <div>21/12/2024 7:05 PM</div>
<p>Figure– Container for media with optional caption</p> <p>Image– Displays a single image</p> <p>Inference - Figure adds context and caption capability to media elements</p>	

6. Label and legends

Screenshot code	Screenshot output
<pre><> activity1.html > ... 1 <form> 2 <label for="name">Name:</label> 3 <input type="text" id="name" name="name"> 4 5 <fieldset> 6 <legend>Personal Information</legend> 7 <label for="age">Age:</label> 8 <input type="number" id="age" name="age"> 9 </fieldset> 10 </form></pre> <div>21/12/2024 7:11 PM</div>	<div>Name: <input type="text"/></div> <div>Personal Information</div> <div>Age: <input type="text"/></div> <div>21/12/2024 7:12 PM</div>
<p>Label – Associates text with form controls Legends– Provides caption for fieldset Inference - Label is for individual form elements, legend is for grouping form elements</p>	

7. Strong vs bold vs emphasis tag

Screenshot code	Screenshot output
<pre>< C:\Users\HP\OneDrive\Documents\Desktop\HTML\activity1.html 1 <p>This text is important (strong).</p> 2 <p>This text is bolded (visual only).</p> 3 <p>This text has emphasis (semantic and visual).</p></pre> <div>21/12/2024 7:17 PM</div>	<div>This text is important (strong).</div> <div>This text is bolded (visual only).</div> <div><i>This text has emphasis (semantic and visual).</i></div> <div>21/12/2024 7:17 PM</div>
<p>Strong– Indicates strong importance Emphasis– Visual styling only Bold- Stressed emphasis Inference - Strong and emphasis have semantic meaning, while bold is purely visual</p>	