BCSE203E- Web Programming

Activity -21.1.2.2024

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

1. Div and span

Screenshot code	Screenshot output
```html\n<body>\n \n abc hello\n \n</body>\n```	abc hello
Div – block-level element Span – inline element Inference – span is inline so it is used inside the div element which is a block element. Span is used for styling and modifying.	

2. Div and section

Screenshot code	Screenshot output
```html\n \n Div\n \n<section>\n Section\n</section>\n```	Div Section
Div – Block-level element which helps in division of document Section– used in HTML5 which divides document as headers, footers.. Inference -Both div and section are used to divide page into blocks.	

3. Paragraph and article

Screenshot code	Screenshot output

``html
<article>
     Arcticle
     Paragraph
</article>
``
	Arcticle
	
	Paragraph

Paragraph– creates a new para. Article– It is a container where you can create para. Inference – article is a container where paragraph can be used to write inside that container.	

4. Navigation and anchor

Screenshot code	Screenshot output

``html
<body>
    <nav>
        Google
    </nav>
</body>
``
	Google

Navigation– it is a block where the entire section contain one or more link Anchor – it used primarily to add hyper link of another page Inference -anchor is used to add hyperlinks inside the nav block so that we can add multiple links inside that block.	

5. Figure and image

Screenshot code	Screenshot output

``html
<figure>
    <img src="image.jpeg" alt="image">
    <img src="image1.jpeg" alt="image1">
</figure>
``
	image image1

Figure– A semantic tag that holds elements together Image– it is used in embedding an image to the document Inference -figure is a container where we can add multiple img elements to add image in the document.	

6. Label and legends

Screenshot code	Screenshot output

``html
<legend>Details</legend>
Name: <input type="text">
 	
Work: <input type="text">
 	
<label for="name">
    Name:
    <input type="text">
 	
</label>
<label for="work">
    Work:
    <input type="text">
</label>
``
	Details
	Name: [ ]
	Work: [ ]
	
	Name: [ ]
	Work: [ ]

Label – It is used for labeling specific elements Legends– It is broad label used for a group of objects Inference -legends are grouped as a whole while labels are used to label specifically in forms.	

7. Strong vs bold vs emphasis tag

Screenshot code	Screenshot output

``html
<body>
    Strong
    Bold
    Emphasis
</body>
``
	Strong Bold *Emphasis*

Strong– Used semantically to give importance Emphasis– It is used to provide mild emphasis in italics style Bold-It is primarily used for visual styling purpose Inference -Both string and Bold and visually bold while Emphasis visually looks italic.	