

#### **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

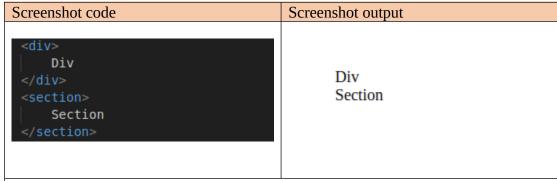
| Screenshot code  | Screenshot output |
|--|-------------------|
| <br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br> | 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



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     |
|--------------------------------|-----------------------|
| <pre><article></article></pre> | Arcticle<br>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 |
|--------------------------|-------------------|
| <pre><body></body></pre> | 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 |
|--|-------------------|
| <figure> <img alt="image" src="image.jpeg"/> <img alt="imagel" src="imagel.jpeg"/> </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                |
|---|----------------------------------|
| <pre><legend>Details</legend> Name: <input type="text"/><br/>Work: <input type="text"/><br/>         Name:         <input type="text"/><br/> <label for="work">         Work:         <input type="text"/>&lt; /label&gt; </label>     </pre> | 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    |
|--|----------------------|
| <body> <strong>Strong</strong> <b>Bold</b> <em>Emphasis</em> </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.