

WEB-Assignment-2 (All questions are mandatory)

1. build an order list of your favorite foods. (write the html code)

```
<ol>
  <li>Biryani</li>
  <li>Pizza</li>
  <li>Dosa</li>
  <li>Pani Puri</li>
  <li>Burger</li>
</ol>
```

2. build an unordered list of your favorite movies. (write the html code)

```
<ul>
  <li>Kantara</li>
  <li>KGF</li>
  <li>RRR</li>
  <li>Bahubali</li>
  <li>Salaar</li>
</ul>
```

3. write the code for making the below table:

```
<table border="1" cellpadding="8" cellspacing="0">
  <caption><b>Table 1: Salt Concentration and Light Transmittance</b></caption>

  <tr>
    <th rowspan="2">Salt Concentration (%)</th>
    <th colspan="5">Transmittance (%T)</th>
  </tr>

  <tr>
    <th>Trial #1</th>
    <th>Trial #2</th>
    <th>Trial #3</th>
    <th>Trial #4</th>
    <th>Trial #5</th>
  </tr>
```

```
<tr>
  <td>0</td>
  <td>77.23</td>
  <td>74.50</td>
  <td>64.88</td>
  <td>75.27</td>
  <td>54.66</td>
</tr>
```

```
<tr>
  <td>3</td>
  <td>85.23</td>
  <td>92.82</td>
  <td>78.91</td>
  <td>60.71</td>
  <td>57.96</td>
</tr>
```

```
<tr>
  <td>6</td>
  <td>88.39</td>
  <td>100.05</td>
  <td>73.66</td>
  <td>66.51</td>
  <td>64.54</td>
</tr>
```

```
<tr>
  <td>9</td>
  <td>80.71</td>
  <td>100.05</td>
  <td>68.29</td>
  <td>64.91</td>
  <td>52.96</td>
</tr>
```

```
<tr>
  <td>12</td>
  <td>82.66</td>
  <td>117.18</td>
  <td>71.01</td>
  <td>56.91</td>
  <td>46.95</td>
</tr>
```

```
<tr>
  <td>15</td>
  <td>72.55</td>
  <td>115.40</td>
  <td>65.72</td>
  <td>66.03</td>
  <td>55.38</td>
```

```
</tr>
</table>
```

4. write the difference between col span and row span.

Colspan

- Merges *columns* horizontally.
- Example: `<td colspan="2">`

Rowspan

- Merges *rows* vertically.
- Example: `<td rowspan="3">`

5. what are the table attribute and what are the table elements.

Table Attributes

- border
- cellpadding
- cellspacing
- width
- height
- align
- bgcolor

Table Elements

- `<table>`
- `<tr>`
- `<th>`
- `<td>`
- `<caption>`
- `<thead>`
- `<tbody>`
- `<tfoot>`

6. what are The attributes? types of attributes? explain with example.

Attributes

Extra info added to HTML elements.

Example:

```

```

Types

1. **Global Attributes** → id, class, style
2. **Event Attributes** → onclick, onchange
3. **Tag-Specific Attributes** → src, alt (for img) / href (for a)

7. what are the type of value for input field you know about

- text
- password
- email
- number
- date
- file
- checkbox
- radio
- color
- range
- submit

8. difference between empty element and empty tag?

Empty Element

- No closing tag
- Example: `
`, `<hr>`, ``

Empty Tag

- Same meaning → tag with no inner content.

9. difference between inline and block level tags.

Inline Tags

- Don't start new line
- Take only needed width
- ``, `<a>`, ``

Block Level Tags

- Start new line
 - Take full width
 - `<div>`, `<p>`, `<h1>`
-

10. type of CSS and why we need it

Types

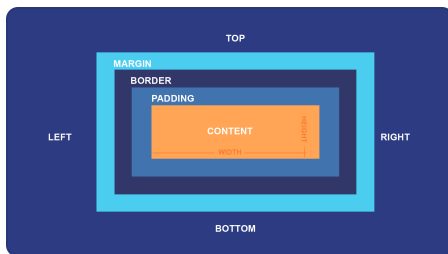
1. Inline CSS
2. Internal CSS
3. External CSS

Why we need CSS

- Makes website look good
 - Controls layout, spacing, color
 - Separates design from content
-

11. what is box model

Box model = structure of every HTML element:



Margin
Border
Padding
Content

12. difference between border, margin and padding.

- **Margin** → space outside border
 - **Border** → line around element
 - **Padding** → space inside border, around content
-

****13. if an image having height 100px and width 300px calculate the total height and width**

For the following CSS**

****i. Padding (20px 34px 45px)**

ii. Margine(20px)

iii. Boarder (2px solid black)**

Total Height

$$100 + (20+45) + (2+2) + (20+20) \\ = \mathbf{209px}$$

Total Width

$$300 + (34+34) + (2+2) + (20+20) \\ = \mathbf{412px}$$

****Margine(23px)**

Padding (13px 14px)**

Height:

$$100 + (13+13) + 4 + (23+23) = \mathbf{176px}$$

Width:

$$300 + (14+14) + 4 + (23+23) = \mathbf{378px}$$

****iv. Boarder (2px solid black)**

Margine (20px 13px 17px 27px)

Padding (34px 10px 44px)**

Height:

$$100 + (34+44) + 4 + (20+17) = \mathbf{219px}$$

Width:

$$300 + (10+10) + 4 + (13+27) = \mathbf{364px}$$
