

Exercise -Introduction to HTML & CSS

1.How are inline and block elements different from each other?

Ans.

block element covers the whole horizontal space in the screen while

Inline element takes only that space which is taken by there content

If 2 block element are present then they will shown on screen on different lines but in case of inline they will be shown in same line if content is not much.

2.Explain the difference between visibility:hidden and display:none

Ans.

In both **visibility:hidden** and **display:none** the item **will not appear** on the screen, while in **display:none the space will not be allocated** on screen but in **visibility:hidden the space will be allocated** for the content but it will not be shown on the screen.

3. Explain the clear and float properties.

Ans.

Float : it helps us to position block element in same line makes the illusion of inline element it floats the element next to the other element just after the content

Clear: it clears the area around the floated element and specify whether the element will have other element allowed on its right or left or none or it can inherit the properties of its parent.

4. explain difference between absolute, relative, fixed and static.

Ans.

Fixed: it makes the element stay fixed to the set position and scrolling doesnt put any affect on it.

Static: It is the default position setting

Relative:Position:relative set the position of element relative to its original/normal position we can then change the position using top, right, bottom, left.

5. Write the HTML code to create a table in which there are 4 columns(ID , Employee Name, Designation, Department) and at least 6 rows. Also do some styling to it.

Ans.

```
<table style="width:100%; border: 1px solid blue">
  <tr>
    <th>ID</th>
    <th>Employee Name</th>
    <th>Designation</th>
    <th>Department</th>
  </tr>
  <tr>
    <td>1</td>
    <td>Kunark</td>
    <td>Trainee</td>
    <td>MEAN</td>
  </tr>
  <tr>
    <td>2</td>
    <td>Dipesh</td>
    <td>Senior Software Engineer</td>
    <td>MEAN</td>
  </tr>
  <tr>
    <td>3</td>
    <td>Rahul</td>
    <td>Trainee</td>
    <td>FEEN</td>
  </tr>
```

```
<tr>
  <td>4</td>
  <td>Deepak</td>
  <td>CEO</td>
  <td>Management</td>
</tr>
<tr>
  <td>5</td>
  <td>Arzoo</td>
  <td>HR</td>
  <td>Management</td>
</tr>
<tr>
  <td>6</td>
  <td>Nikki</td>
  <td>Trainee</td>
  <td>DevOps</td>
</tr>
</table>
```

6. Why do we use meta tags?

Ans.

1. To Specify the author of the page
2. For SEO ranking
3. For specifying the modification details

7. Explain box model.

Ans.

Box model is the approach followed by CSS to specify the contents and styling it, box model contains 4 elements

1. **Content** at the center
2. Around content comes the **padding**
3. Content and padding is covered by **Border**
4. Around border is present **Margin**

8. What are the different types of CSS Selectors?

Ans.

Selectors are used to select the tags and elements to style it

There are many different types of selectors

ID Selector: #ID_NAME is used to select id

CLASS Selector: .CLASS_NAME is used to select id

TAG Selector: <tag_name> eg. p{style:value}

CHILD Selector: eg: div p{style:value} it shows, select p which is child of div

9. Define Doctype.

Ans.

DocType Means Document Type which is used to specify the version of HTML

10. Explain 5 HTML5 semantic tags.

Ans.

<Header> : It Specify the Header of the Page

<Footer> : It Specify the Footer of the Page

<Main> : It Specify the main content of the page

<article> : It specify the article and can be used for blog post

<Section> : this tag can replace div on the page for different sections

11. Create HTML for web-page.jpg (check resources, highest weightage for answers)

Ans.

HTML and CSS files were put in a folder named web-form

12. Create HTML for form.png (check resources, highest weightage for answers)

Ans.

HTML and CSS files were put in a folder named form