

## HTML/CSS (Assignment)

Question 1:

How are inline and block elements different from each other

Ans:

<b>Block</b>	<b>Inline</b>
Take full-width (100% width) by default	Take only as much space as they need
Each gets displayed in a new line	Displayed side by side
Width & height properties can be set	Don't accept width or height properties
Can contain other block or inline elements	Can contain other inline elements

Question 2:

Explain the difference between visibility:hidden and display:none

Ans:

Both are used to hide element from the Web Page but the major difference is:

1. display:none completely removes the elements from the page, it doesnot takes any space.
2. Visibility:hidden doesnot removes the element from the page, it is only hidden and takes space on the page.

Question 3:

Explain the clear and float properties.

Ans:

float : property specifies how an element should float.

clear : property specifies what elements can float beside the cleared element and on which side.

Question 4:

Explain difference between absolute, relative, fixed and static.

Ans:

**position-static:** It is the default position of the HTML elements.

Static positioned elements are not affected by the top, bottom, left, and right properties.

it is always positioned according to the normal flow of the page:

**position-absolute:** It is positioned relative to the nearest positioned ancestor. If an absolute positioned element has no positioned ancestors, it uses the document body, and moves along with page scrolling.

**position-fixed:** It is positioned relative to the viewport, which means it always stays in the same place even if the page is scrolled. The top, right, bottom, and left properties are used to position the element.

**position-relative:** It is positioned relative to its normal position.

### Question 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:

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <link rel="stylesheet" href="css/index.css">
8   <title>Document</title>
9 </head>
10
11 <body>
12   <!--
13     Write the HTML code to create a table in which there are 4 columns
14     ( ID , Employee Name, Designation, Department) and at least 6 rows.
15     Also do some styling to it.
16   -->
17   <table>
18     <thead>
19       <th>ID</th>
20       <th>Employee Name</th>
21       <th>Designation</th>
22       <th>Department</th>
23     </thead>
24     <tbody>
25       <tr>
26         <td>1</td>
27         <td>Test</td>
28         <td>Trainee</td>
29         <td>MEAN</td>
30       </tr>
31       <tr>
32         <td>2</td>
33         <td>Test 2</td>
34         <td>Trainee</td>
35         <td>MEAN</td>
36       </tr>
37       <tr>
38         <td>3</td>
39         <td>Test 3</td>
40         <td>SSE</td>
41         <td>Python</td>
42       </tr>
43       <tr>
44         <td>4</td>
45         <td>Test 4</td>
46         <td>SE</td>
47         <td>Android</td>
48       </tr>
49       <tr>
50         <td>5</td>
51         <td>Test 5</td>
52         <td>Trainee</td>
53         <td>AMC</td>
54       </tr>
55       <tr>
56         <td>6</td>
57         <td>Test 6</td>
58         <td>Trainee</td>
59         <td>MERN</td>
60       </tr>
61     </tbody>
62   </table>
63 </body>
```

```

1  table {
2      border: 1px solid black;
3      text-align: center;
4      width: 80%;
5      margin: auto;
6  }
7
8  table tbody tr {
9      border: 1px solid black;
10 }
11
12 tr,
13 th {
14     padding: 10px;
15 }
16
17 tbody tr:nth-child(even) {
18     background-color: #efefef;
19 }
20
21 thead th {
22     background-color: #efefef;
23 }

```

ID	Employee Name	Designation	Department
1	Test	Trainee	MEAN
2	Test 2	Trainee	MEAN
3	Test 3	SSE	Python
4	Test 4	SE	Android
5	Test 5	Trainee	AMC
6	Test 6	Trainee	MERN

Question 6:

Why do we use meta tags?

Ans: Meta tags are used to provide keywords for SEO, Site Descriptions, Author Info etc.

Question 7:

Explain box model.

Ans:

Every Html element acts as a box which have a content, padding, border and margin

**Content:** Content of the element

**Padding:** Space around the element

**Border:** Border around the padding of the element

**Margin:** Space outside the border

Question 8:

What are the different types of CSS Selectors?

Ans:

Different universal selectors:

1. **Universal Selector (\*)** : It is used to select all the elements.
2. **Element Selector** : It is used to select particular HTML element by its name.
3. **Id Selector (#)** : It is used to select a unique element by its id using #.
4. **Class Selector (.)** : It is used to select a group of elements by their class name using (.)

Question 9:  
Define Doctype.

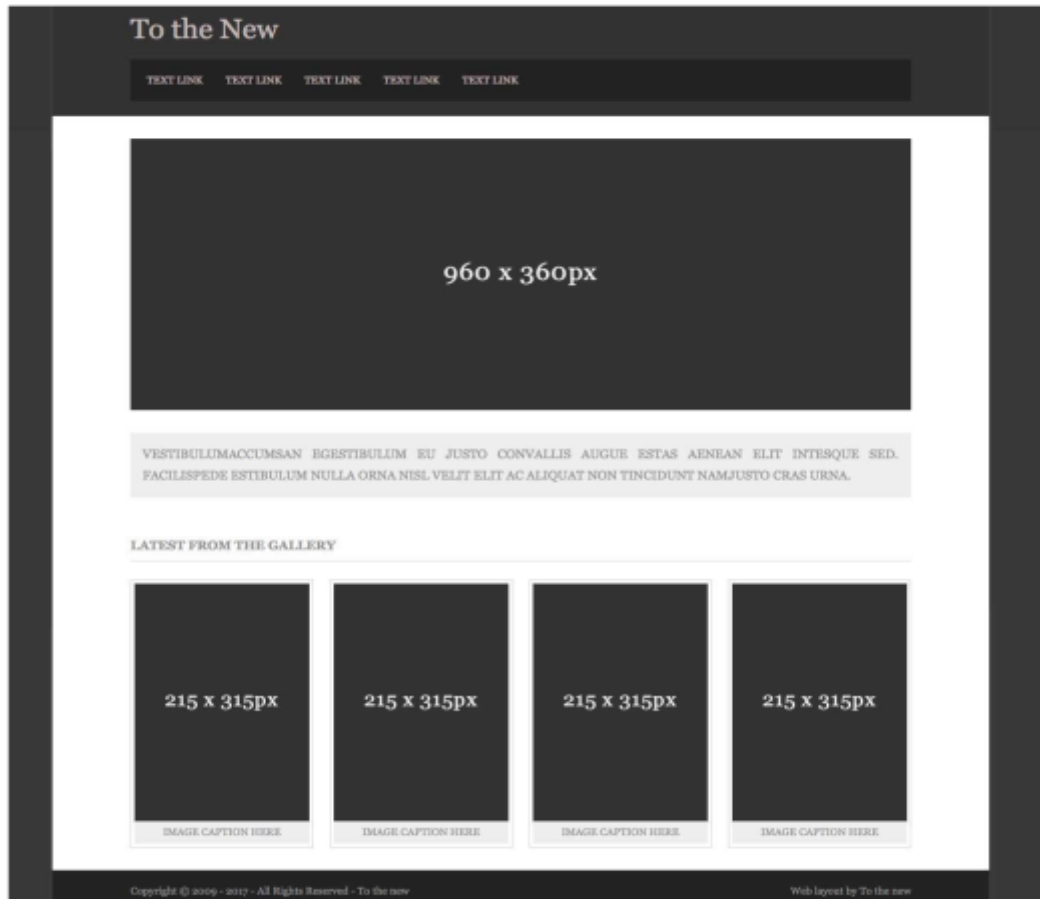
Ans:  
It is used to define the version of HTML being used in the Web Page

Question 10:  
Explain 5 HTML5 semantic tags.

Ans:

1. **nav** : It is used for creating navigation menu
2. **footer** : footer tag is used for creating footer of a web page.
3. **header** : header tag is used for creating a header of a web page.
4. **article** : article is used for blogs, passages, news etc.
5. **section** : section is used to define a section in a web page.

Question 11:  
Create HTML for web-page.jpg



Ans:

Page Link : <https://ankit-ttn.github.io/Web/>

Code Link : <https://github.com/Ankit-TTN/Web>

Question 12:

Create HTML for form.png

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Description:\*

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Windows XP

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Formoid

Version:\*

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Attachments:  

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Page Link : <https://ankit-ttn.github.io/Web2/>

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