

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

Ans:-Block-level elements: These elements take up all of the available space within their parent container.

Ex:- `<div></div>`

Inline elements: These elements can exist within block-level elements.

Ex:- ``

Css properties used to change their characteristics :

- 1.display: block;
- 2.display: inline-block;
- 3.display: none;

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

Ans:-visibility:hidden leaves the element in the normal flow of the page such that it still occupies space.

Ex: `unseen but occupy space`

display:none removes the element from the normal flow of the page, allowing other elements to fill in.

Ex: `unseen and unoccupy all the space`

3.Explain the clear and float properties?

Ans:-

Float: The float property is used to align content with respect to its parent container i.e:left, right, none.

Float properties used to change their characteristics :

- 1.float:left;
 - 2.float:right;
 - 3.float:none;
- etc.

Clear:The Clear property is used to resist the effect of float property.

Clear properties used to change their characteristics :

- 1.clear:left;
 - 2.clear:right;
 - 3.clear:both;
- etc.

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

Ans:-

1.Absolute property is used to place the element in a page relative to its parent element.

Ex:position:absolute;

2.Relative property is used to place the element anywhere in the page relative to the element itself.

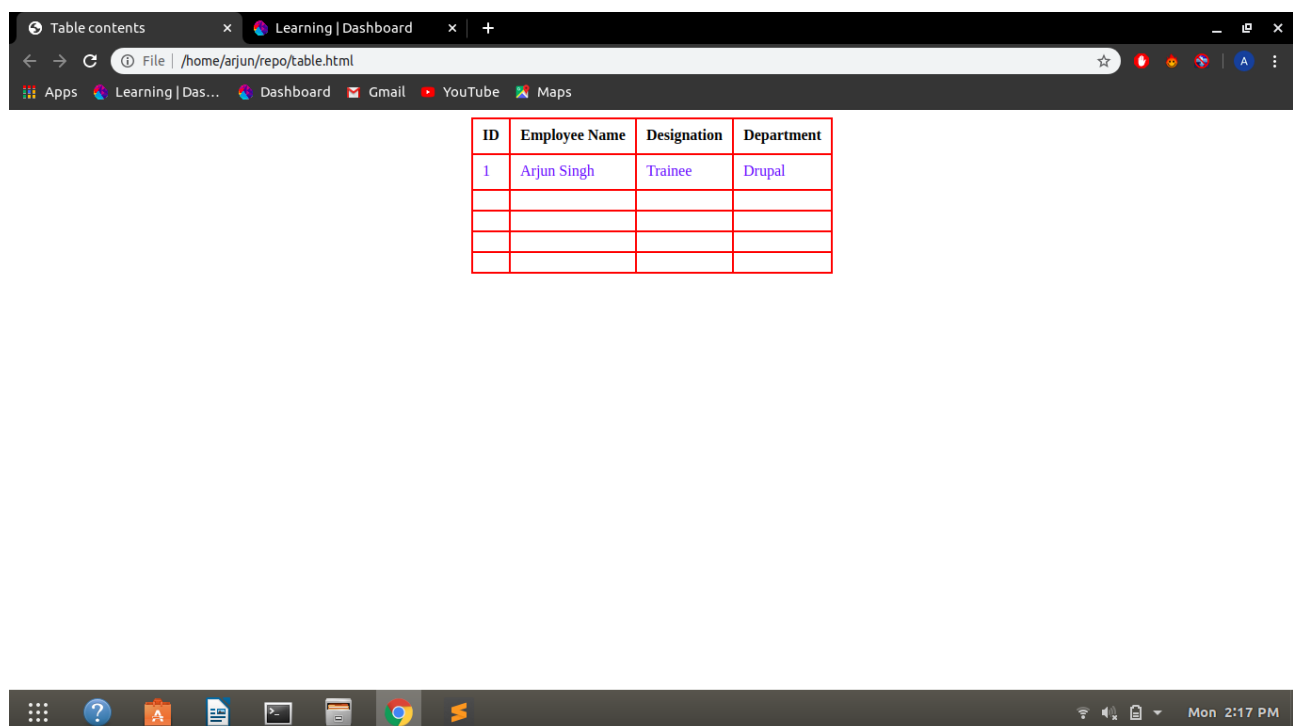
Ex:position:relative;

3.Fixed property is used to place the element to a fixed position whatever happened to the page the element assign fixed property does not move.

Ex:position:fixed;

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.Absolute:

Code link : https://github.com/arjun73362/assesments/blob/html_css/table.html



ID	Employee Name	Designation	Department
1	Arjun Singh	Trainee	Drupal

6. Why do we use meta tags?

Ans:-Meta tags provide information of the webpage This information is called "metadata" and it is also used to improve search engine optimization of a website with the help of its attributes.

Ex:<meta name="viewport" content="width=device-width, initial-scale=1.0">

7. Explain box model.

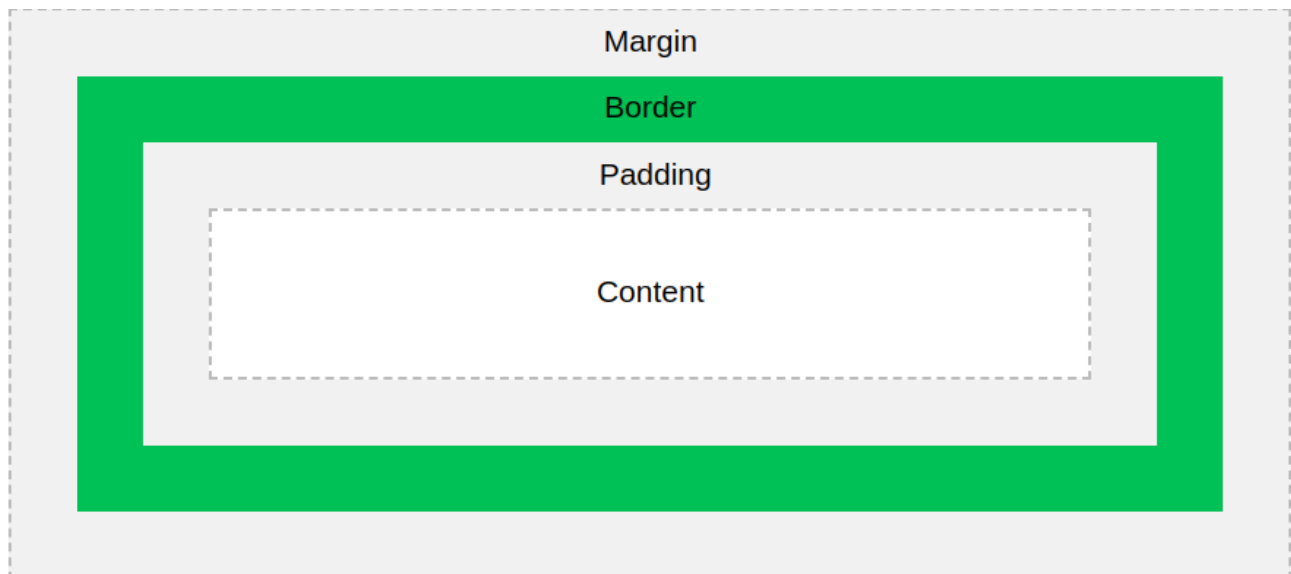
Ans:-All HTML elements can be considered as boxes. In CSS, the term "box model" is used when talking about design and layout.

The CSS box model is essentially a box that wraps around every HTML element. It consists of: margins, borders, padding, and the actual content. The image below illustrates the box model:

Explanation of the different parts:

- 1.Content- The content of the box, where text and images appear
- 2.Padding- Clears an area around the content. The padding is transparent
- 3.Border- A border that goes around the padding and content
- 4.Margin- Clears an area outside the border. The margin is transparent

The box model allows us to add a border around elements, and to define space between elements.



8.What are the different types of CSS Selectors?

Ans:-CSS Selectors help to select HTML elements to apply styles.

Different CSS selectors are:

- 1.Universal Selector:It selects all the elements inside a tag or a body depends on which tag it is used.

Ex:`div * {
 Background-color:red;
}`

2. Class Selector: It selects the html tag on the basis of their class name and a single element can have more than one class .

```
Ex: .sec-important {  
    font-weight: bold;  
}
```

3. Id Selector: It selects the html tag on the basis of their id name and a single element can only have unique id in a webpage.

```
Ex: #p1 {  
    border: groove;  
}
```

4. Element selector: It selects element by using element name.

```
Ex: div {  
    border: 1px solid red;  
}
```

5. Child Selector: It selects all the immediate child elements inside the parent element.

```
Ex: div > p {  
    color: red;  
}
```

9. Define Doctype.

Ans:- <!DOCTYPE> stands for **Document Type Declaration**. This tag is used to inform the browser about the version of HTML used in the document. It is called as the document type declaration.

Technically <!DOCTYPE > is not a tag or element, it just an instruction to the browser about the document type. It is a null element which does not contain the closing tag, and must not include any content within it.

```
Ex: <!DOCTYPE html>  
    <html>  
        <head>  
            <title></title>  
        </head>  
        <body>  
            HTML 5 doctype declaration  
        </body>  
    </html>
```

10. Explain 5 HTML5 semantic tags.

Ans:- Semantic HTML elements clearly describe it's meaning in a human and machine readable way. Elements such as <header>, <footer>, <nav>, <aside> and <figure> are all considered semantic because they accurately describe the purpose of the element and the type of content that is inside them.

1.header: The <header> element specifies a header for a document or section.This element should be used as a container for introductory content.

2.footer: The <footer> element specifies a footer for a document or section.This element should contain information about its containing element.

3.nav: The <nav> element defines a set of navigation links.

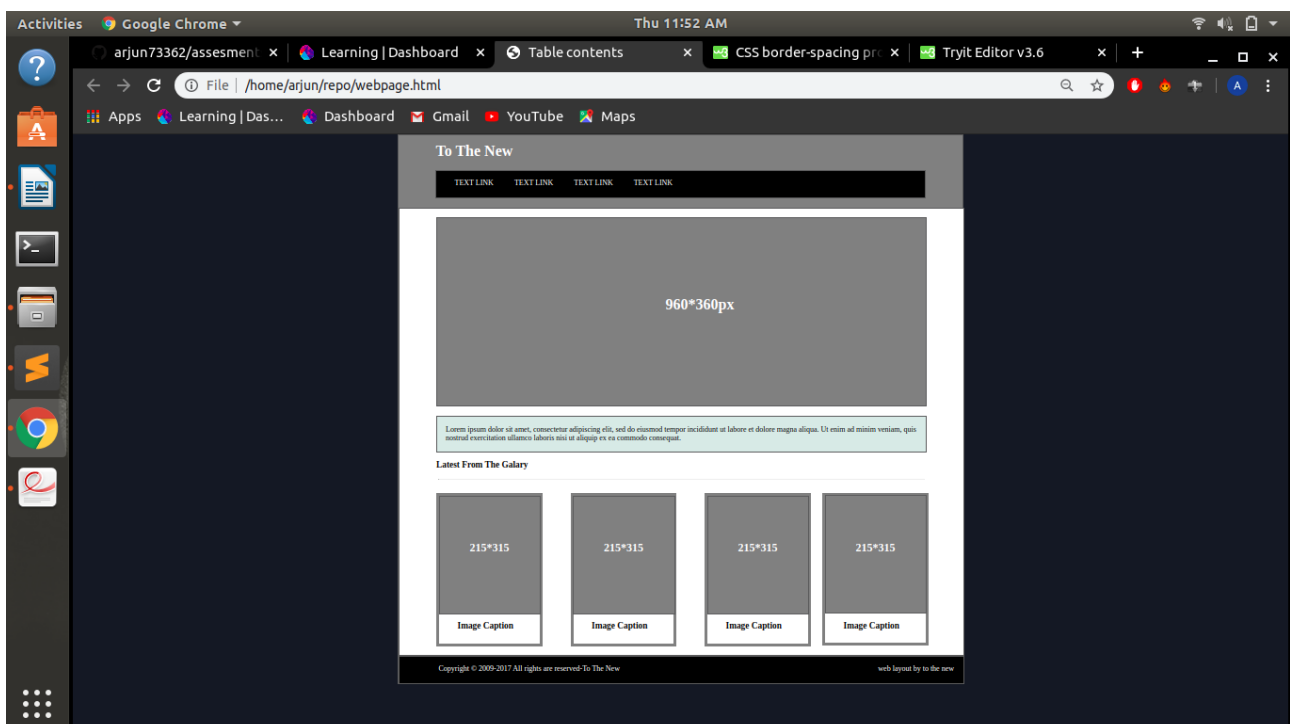
4.aside: The <aside> element defines some content aside from the content it is placed in (like a sidebar) and the content should be related to the surrounding content.

5.figure: The purpose of a figure caption is to add a visual explanation to an image.

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

Ans:-Link:

https://github.com/arjun73362/assessments/blob/html_css/webpage.html



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

Ans:-Link:

https://github.com/arjun73362/assessments/blob/html_css/form.html

Activities Google Chrome Tue 2:31 PM

form.html input type file css - Google Custom File Input Styling

File | /home/arjun/repo/form.html

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To The New About Home

Bug Report

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