

# EXERCISE

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

**Ans1**-INLINE ELEMENTS:- Inline elements do not start on a new line and only takes up as much space (width) as required.

Example:

1)<a> 2)<span> 3-<img> 4)<input> 5)<button> 6)<textarea>

BLOCK ELEMENTS:-These always start on a new line and takes up the full width available.

Example:

1)<div> 2)<p> 3)<h1>-<h6> 4)<hr> 5)<form> 6)<ol> 7)<ul> 8)<li>

**Q-2.**Explain the difference between visibility:hidden and display:none?

**Ans2**- visibility:hidden means that the tag is not visible, but space is allocated for it on the page. The tag is rendered, it have not seen on the page.

display:none means that the tag in question will not appear on the page at all and no space allocated for it between the other tags.

**Q-3.**Explain the clear and float properties?

**Ans3**-Float Property:- It is used for positioning and formatting content.It places an element on the left or right side of its container.

It can have values:-

1)left 2)right 3)none 4)inherit

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

It can have values:-

1)none 2)left 3)right 4)inherit

**Q-4.**explain difference between absolute, relative, fixed and static?

**Ans4-**These are the values of position property.

1)Absolute:-Element is positioned relative to the parent which is positioned.

2)Relative:-Element with this value is positioned to its normal position.

Top,bottom,left,right property are used for positioning relative to its normal position.

3)Fixed:-It is positioned relative to viewport and always stays in the same place even if the page is scrolled.

4)Static:-Element is always positioned according to the normal flow of the page.

**Q-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?

**Ans5-**HTML file is uploaded in repository.

**Q-6.**Why do we use meta tags?

**Ans6-**Meta tag gives information about the HTML document.It tells about the page description,keywords,author of document.It is not displayed on the page.

The metadata can be used by browsers, search engines (searching).

**Q-7.**Explain box model?

**Ans7-**Box model is used for web page layout.It defines every element with margins,borders,padding and the content.

Content:-Text and images are called content.

Padding:-It is an area around the content.This property is used to generate space around an element's content, inside of any defined borders.

Border:-A border that goes around the padding and content.

Margin:-It is area outside the defined borders.

**Q-8.**What are the different types of CSS Selectors?

**Ans8-**CSS selector are used to select the elements by its id,classes,tags,attributes for styling.

1)by id:-for styling particular element

Example-<p id="para">Gaurav</p>

CSS Selector-#id { color:red; } /\* making text color of paragraph red.\*/

2)by class:for applying same style to multiple element

Example-<p class ="p"> guarav</p>

<p class="p">vivan</p>

<p class="p">saurabh</p>

CSS Selector:- .p{ background: blue;} /\* making background color blue \*/

3)by tag: Element's tag name can also be used for styling.Styling is done for every element having tag which is used as selector .

Example- <body> Gilfoyle is good boy.</body>

CSS Selector:- body{ color: white; font-size:50px;font-weight:bold;}

**Q-9.**Define Doctype?

**Ans9**-<!DOCTYPE> declaration used to tell the browser about the version of HTML the page is written in.These help in rendering the content, execution of some TAGS which are not part of previous versions of HTML.

**Q-10.**Explain 5 HTML5 semantic tags?

**Ans10-(1)**<article>:-This tag is used for specifying self-contained content.An article should make sense on its own.

**(2)**<section>:-It is grouping of content,typically with a heading.

**(3)**<header>:-It should be used as a container for introductory content at top of page.

**(4)**<footer>:-It contains info. About the author of document,contact,copyright information etc.

**(5)**<nav>:-It contains multiple navigation links.Used in creating navigation menu.

**Q-11.**Create HTML for web-page.jpg

**Ans11**-HTML FILE Is uploaded in repository.

**Q-12.**Create HTML for form.png

**Ans12-** HTML FILE Is uploaded in repository.