

-° Lacture - 02 °-

-° HTML Basics - 11 °-

• HTML Responsive web design:-

* Responsive web design is about creating web page that look good on all devices!

* A responsive web design will automatically adjust for different screen and size and viewports.

Ex:- `<meta name = "viewport" content = "width=device-width">`

= HTML Block and Inline element:-

Every HTML Element has a display value, depending on what type of element it is.

* Block-Level Element:-

A block element always start with new line and the browser automatically add some space (a margin) before and after the element.

Ex:- `<p> Dot Batch </p>` } Dot Batch
`<div> Bot </div>` } Bot

Some Block level Element:-

<code><address></code>	<code><article></code>	<code><aside></code>	<code><blockquote></code>
<code><dl></code>	<code><div></code>	<code><fieldset></code>	<code><figure></code>
<code><footer></code>	<code><form></code>	<code><h1> <h6></code>	<code><table></code>

* Inline-Element :-

→ An inline element does not start on a new line.

→ An inline element only takes as much width as necessary.

Ex:- A ` good boy` | ^{output} A good boy

= some inline element :-

<code><a></code>	<code><abbr></code>	<code></code>	<code><bdo></code>	<code><big></code>	<code>
</code>
input	<code><cite></code>	<code><code></code>	<code></code>	<code><i></code>	<code></code>

= The div element :-

→ The `<div>` element is often used as a container for other HTML Element.

→ The `<div>` element has no required attribute but style, class and id are common.

Ex:- `<div style = "background-color : Pink ;>`
`<h2> London </h2>`
`<p> London is a city </p>`
`</div>`

London

London is a city

= The `` Element :-

→ The `span` element is an inline container used to markup a part of a text, or a part of a document.

→ The `span` element has no required attributes but `style`, `class` and `id` are common.

Ex: `<p> I am Red `

I am Red

= HTML Table :-

HTML table allows web developers to arrange data into rows & columns.

HTML Table Tags :-

Tags	Description
<code><table></code>	Define a table
<code><th></code>	Define a header cell in a table
<code><tr></code>	Define a row in table
<code><td></code>	Define cell in table
<code><caption></code>	Define a table caption
<code><thead></code>	Group a header content in a table
<code><tbody></code>	Group a body content in table
<code><tfoot></code>	Group a footer content in table

1) Sample HTML Table :-

```
<style>
```

```
table, th, td {
```

```
border : 1px solid black;
```

```
border-collapse : collapse;
```

```
}
```

```
</style>
```

```
<table>
```

```
<tr>
```

```
<th> Company </th>
```

```
<th> Contact </th>
```

```
</tr>
```

```
<tr>
```

```
<td> Codehelp </td>
```

```
<td> Babbar </td>
```

```
</tr>
```

```
<tr>
```

```
<td> Notes </td>
```

```
<td> Akash </td>
```

```
</tr>
```

```
</table>
```

Company	Contact
codehelp	Babbar
Notes	Akash

= Table cells:-

Each table cell is defined by a `<td>` and a `</td>` tag.

Example :- `<table>`

`<tr>`

`<td> Rishabh </td>`

`<td> Babbar </td>`

`<td> Lakshay </td>`

`</tr>`

`</table>`

Output :-

Rishabh	Babbar	Lakshay
---------	--------	---------

= Colspan :-

To make a cell span over a multiple column use `colspan` attribute.

Ex. `table style = "width: 50%" >`

`<tr>`

`<th colspan = "2" > Name </th>`

`<th>`

Age

`</th>`

`</tr>`

`<tr>`

`<td> Akash </td>`

`<td> Dini </td>`

`<td> 21 </td>`

`</tr>`

`</table>`

NAME		AGE
Akash	Dini	21