**HTML**

html-->HTML is a markup language

used to design static pages--> caoont open dynamic pages

L1

refresh

<meta http-equiv=refresh content="10;url=source.html">

Inline elements

INPUT NEW FEATURES

HOW TO CERATE A DATALIST

TEXT FORRMATTING

4 parameters of text shadow(horizontal,vertical,blurr dist , color of shadow)

Syntax for selectors

Speciality of HTML5

<!DOCTYPE html> apply html5 features

head

what goes inside a head

<body>

My First Page

</body>

**header tags**

h1 h2 h3

link one html with another

<a href= "index.html"></a>--> rrot path once when you want ot link many files from trhe folder to one htmal link

<base href="./">

search in this pages only

avoid rewriting of the root path

**meta tag**

<meta charset="ISO-8859-1">

default

**My First Page** ~~Strikeout~~ **h 2o** **27thmay**

**try pre tag**

**will have own format for alignment tesxt and fomnt 🡪 cannot change**

<pre> hello

HEADER DEMOS🡪 TRYOUT

&nbsp🡪 for space

TABLES

<table></table> roottag

Without border

Rowspan and callspan

**<style🡪 tag** used in html onlt not in csss

LIST

1)ORDERED

numbered

<ol>

<li>20</li>

<li>30</li>

<li>40</li>

<li>50</li>

</ol>

alphabetical

<ol start="3" type="A">

<li>20</li>

<li>30</li>

<li>40</li>

<li>50</li>

</ol>

2)UNORDERED Start not allotted

<h1>Unordered List</h1>

<ul>

<li>Mumbai<li>

<li>Pune<li>

<li>banglore<li>

</ul>

<ul type="circle">//disc//square

<li>Mumbai<li>

<li>Pune<li>

<li>banglore<li>

</ul>

DEFINITION LIST

<dl>

<dt>Java</dl>

<dd>Object Oriented Language</dd>

<dt>HTML</dt>

<dd>Hyper Text Markup Language</dd>

Q)HOW TO CERATE A CONTACT TAB ON THE PAGE WHICH WHEN CLICKED WILL OPEN MAIL AND SEND MAIL TO MENTIONED EMAIL ID

<a href="mailto:akshata.badadale@capgemini.com?subject=hi">

Contact </a>

TARGET LINK

<a href="self.html" target="\_self">self</a><br> --> opens in same frame

<a href="blank.html" target="\_parent">parent</a><br>--> extra blank page

<a href="top.html" target="\_top">Top</a><br>-->top of page

<a href="left.html" target="\_blank">blank</a><br>-->open new window

FORM

Always in a table🡪 alignment issue is avoided

Name🡪 name of the form

method

action🡪 where you are gonna submit it… (# to stay on same page)

mandatory (m) speciality of html5

placeholder="Enter Your Name" pattern = "[A-Z]{1}[a-z]{2,}" title="Azzz"required>

**<input>🡪input tag**

1)<input type="text" name="uname" placeholder="Enter Your Name" pattern = "[A-Z]{1}[a-z]{2,}" title="Azzz"required>

2)Select gender:

<input type="radio" name ="gender" value="male"/>Male

3) Select Age:

<input type="number" min="18" max="60"/></br>

4)Upload details:

<input type="file" name="file"/>

<br>

<input type="hidden" name="key" value="123"/>

5)Select Date:

<input type="date" name="date" min="2019-03-08" max="2019-03-11"/>

New features of input:

For FILE

If a form contains input type file weather the form

ENC type should be

Attribute req🡪 “multipart /form-data”

Input type Hidden🡪 for Password

This value is visible to the server

It is not visible on client side 🡪 used for session cracking

Autofocus🡪 hover effect added to the form

DATALIST🡪

HOW TO CREATE

Search Technology:

<input type="text" name ="tech" value="technology"/>

<datalist id="technology">//IMP

<option value="JEE"/>

<option value="SAP"/>

<option value="VNV"/>

</datalist>

<input type="submit" value="submit/">&nbsp

<button type="reset" value="Reset">RESET</button>

**CSS**

STYLING OF HTML PAGE

TYPES

STYLING:

INLINE: ALL ATTRIBUTES

Using style attribute

<body>

<p style="color:red"> Hello from first paragraph</p>

<p style="color:blue"> Hello from second paragraph</p>

<p style="color:green"> Hello from third paragraph</p>

</body>

EMBEDDED: HEAD TAG PROVIDE

1)

<style >

p{

color: red;

font-size: 20px;

}

</style>

</head>

<body>

<p style="color:red"> Hello from first paragraph</p>

<p style="color:blue"> Hello from second paragraph</p>

<p style="color:green"> Hello from third paragraph</p>

2)

<style >

#p1{

color: red;

font-size: 20px;

}

#p2{

color: green;

font-size: 30px;

}

#p3{

color: yellow;

font-size: 40px;

}

</style>

</head>

<body>

<p id="p1"> Hello from first paragraph</p>

<p id="p2"> Hello from second paragraph</p>

<p id="p3"> Hello from third paragraph</p>

</body>

3)

CREATE CSS FILE

@CHARSET "ISO-8859-1";

#p1{

color: red;

font-size: 20px;

}

#p2{

color: green;

font-size: 30px;

}

#p3{

color: yellow;

font-size: 40px;

}

<title>Insert title here</title>

<link href=" Demo\_tocreatecssfile.css " rel="stylesheet" type="text/css"/>

</head>

<body>

<p id="p1"> Hello from first paragraph</p>

<p id="p2"> Hello from second paragraph</p>

<p id="p3"> Hello from third paragraph</p>

TEXT FORMATTING

TEXT COLOUR

Rgb(255,120,120)

Rgba(255,120,120,0.5)

a🡪 stands for opacity i.e. shade adjustment

TEXT ALIGNMENT

#p1{

color: red;

font-size: 20px;

font-style: italic;

font-weight:bold;

text-align:center;

text-decoration: underline;

text-transform: uppercase;

text-shadow: 8px 8px 5px green;

}

#p2{

color: green;

font-size: 30px;

text-align:right;

text-decoration: underline;

text-transform: lowercase;

text-transform: capitalize;

text-indent: 40px;

}

}

#p3{

color: yellow;

font-size: 40px;

text-align:right;

text-decoration: underline;

text-transform: overline;

/\* word-wrap: break-word; \*/

}

body

{

background-color:gray;

}

**SELECTORS**

TAG

div{

background-color: grey;

}

ID 🡪starts with hash

*#div1*{

color: *blue*;

fontsize:*50px*;

}

CLASS 🡪starts with dots

.divClass1

{

text-decorator:overline;

font-size: 60px;

}

UNIVERSAL🡪EXCEPT ID ALL REST ARE AFFECTED

🡪starts with star

\*

{

color: red;

fontsize:55px;

}

ATTRIBUTE🡪for html wich aer using attributes , not aapplied for all.

div.a[href="index.html"]

{

color: red;

font-weight: bold;

font-style: italics;

}

BACKGROUND FORMATTING

body{

background-image: url("C:/Users/abadadal/Desktop/Akshata/html demo/HTML5/Lesson 06 - Image/mercury.png");

background-repeat: repeat;

background-color: rgba(120,120,120,0.5)

}

background-color: hsla(255,50%,40%,0.5)

HSLA

Hue Saturatoin Lightness

Types of border

border-bottom-style: solid;

border-bottom-color: red;

border-bottom-width: 10px;

**BOOTSTRAP**

<https://getbootstrap.com/docs/4.3/getting-started/contents/>

BOOTSTRAP.MIN IS COMPRESSED VERSION OF BOOTSARAP .CSS

LINK BOTH , WILL GIVE SAME EFFECT.

BOOTSTRAP GRID🡪 RESPONSIVENESS OF BOOTSTRAP

REBOOT🡪 NEW FEATURE ODF BOOT STRAP 4