**Good evening everyone!!!!**

You all are welcome in Phase-4: Develop a Web Application using frontend stack.

We are starting the session shortly.

HTML:

History: **Sir Tim Berners Lee**: 1991 but: officially: 1993:

HTML 1.0: 1993:

1995: HTML 2.0: 1.0

HTML3.0: Dave Raggett: Many powerful features:

HTML 4.0.1:   
 2012: HTML 5.0

HTML: Programming : Markup Language: static Web pages: Beautiful, alive(dynamic )

Hypertext Markup language:

**Tags/html elements**: <b>**Hello All**</b>

**HTML first program:notepad: first**

Installation of Tool/IDE

Various tags:

Different types of the tags:

1. Block level elements :

<h1>…<h6> <p>, <div> br

1. Inline elements: b, I , u

Image:

<img src=””>

Table: Heading(table heading); Data(table data)

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr.No.** | **Name** | **Age** | **salary** |
| 1 | Nilesh | 39 | 85k |
| 2 | Ashok | 40 | 90k |

Attributes:

List:

1. **Ordered list**

<ol type=”1/A/a/I/i” start=”2” reversed>

<li>Atul</li>

<li>Ashok</li>

<li>Raju</li>

</ol>

1. **Unordered: <ul type=”disc/circle/square/none”>**
2. Description List :

Orange:

It is source Vitamin C

Banana

It is source of Calories

GreenVegi

It is source of Calcium

<dl>

<dt>Orange</dt>

<dd> It is source Vitamin C</dd>

<dt> Banana </dt>

<dd> It is source of Calories

</dd>

<dt> GreenVegi

</dt>

<dd> It is source of Calcium

</dd>

<dl>Description List

<dt>: Data Term

<dd> Data Definition

Paragraph: <p></p>

Input type:

Collection of various HTML elements:

Enter Name:

Last Name

Gender Male Female

form:

collection of various form’s elements

<div>: do not its own meaning:

**section:**

**1000 of HTML tags that u can learn:**

**CSS: 1994: Hackon Lie: CSS: Father of CSS**

**WHY? For Beautification of Websites:**

**Not CSS:**

1. **Code will become so complicated : 1000 <p color: “red”>**
2. **Difficult to maintain the web page:**
3. **No reusability of the code: redundant**

**Syntax of CSS:**

**h1**

**{**

**Background-color: red;**

**color; blue;**

**font-size:30px;**

**}**

h1: is known as **selector**:

CSS properties: any no of properties: pair of : property and there values

**Selector types: html element on which we are going to apply the styling**

1. **Element selector: p, h1, table, tr…**

**Html tag that we are using to apply the styling;**

1. **Id Selector: #**
2. **Class Selector: .**
3. **Universal Selector: \***
4. **Group selector:**

**Where to put CSS Code: Positions for CSS code:**

**Types of CSS:**

1. **Inline CSS: name suggested : on the same line: tag:**
2. **Internal CSS:**
3. **External CSS:**

**Background Property:**

**Color: name of the color**

**RGB:**

**HEX:**

**HTML: CSS:**

**Bootstrap: HTML, CSS, JS framework: Java Programming, JDBC,Framework(BS):**

**Programming : Compiler, set rules: Programming: 100%:**

**Technology: JDBC: Classes and interfaces: Methods: scratch : 50%:**

**Framework: ready made: 90%: 5 to 10%: placing zomato: 30 :**

**Bootstrap: HTML, CSS, JS framework: which is used beautification of your web pages: websites : not just beautiful: they are also responsive in nature**

History: By and for Twitter: Mark otto, Jacob Thronton: 2011 They realize

Open source:

**Advantages** and Feature of the BS:

1. You need not to write a code from scratch
2. User interface : Extensively beautiful
3. Open Source:
4. FW: HTML, CSS and JS
5. Modularity of the code:
6. Reusability
7. Out box thinking

Why?

Template: Button, Navbar, Link

Anchor, cards, Progress