**HTML**

**<!DOCTYPE HTML>** version of html page is written

**HTML FORMS –**

different types of input elements like text fields, checkboxes, radio buttons, submit buttons etc.

Example:

<form action="action\_page.php">

<input type="text" value="Mickey">

<input type="submit" value="Submit">

“radio”

</form>

**HTML <table> --** <tr> row, <td> data/cell, <th>header

<!DOCTYPE html>

<html>

<head>

<style>

table, th, td {

border: 1px solid black;

border-collapse: collapse;

padding: 5px;

text-align: left;

}

</style>

</head>

<body>

<table style="width:100%">

<tr>

<th>First Name</th>

<th>Last Name</th>

<th>Points</th>

</tr>

</table>

</body>

</html>

**HTML <iframe>** - a webpage within a web page

<iframe src="http://www.w3schools.com"></iframe>

**BLOCK LEVEL ELEMENTS --**

<div> <h1> - <h6> <p> <form>

**INLINE ELEMENTS –**

<span> <a> <img>

**HTML STORAGE API** –

With local storage, web applications can store data locally within the user's browser.

The sessionStorage object stores the data for only one session. The data is deleted when the user closes the specific browser tab.

**HTML5 controls**

Svg(scalable vector graphics) – defines graphics for web

<svg width="300" height="200">

Circle, polygon, rounded rectangle etc

Canvas – used to draw graphics on a web page

<canvas id="myCanvas" width="200" height="100" style="border:1px solid #000000;">  
</canvas>

Footer - <footer> content to be in </footer>

Video **–** standard way to embed a video into web page

<video width="320" height="240" controls>  
   <source src="movie.mp4" type="video/mp4">  
   <source src="movie.ogg" type="video/ogg">  
 Your browser does not support the video tag.  
 </video>

**HTML SEMANTIC ELEMENTS** – clearly defines its content

<form>

<table>

<article> self-contained content ex: forum post, blog post, newspaper article </article>

**HTML NESTED LIST**

Lists inside lists

<ul>

<li>Coffee</li>

<li>Tea>

<ul>

<li>Black tea</li>

<li>Green tea</li>

</ul>

</li>

<li>Milk</li>

</ul>

**HTML SECTION ARTICLE TAG**

The <section> tag defines sections in a document, such as chapters, headers, footers, or any other sections of the document.

The <article> tag specifies independent, self-contained content.

In css:

article {   
    display: block;  
}

**CODE FOR BLOCK ELEMENTS:**

<!DOCTYPE html>

<html>

<body>

<h1>My <span style="color:red">Important</span> Heading</h1>

<div style="background-color:black;color:white;padding:20px;">

<h2>India</h2>

<p>I love India. Its is my home land</p>

<p>India is the cradle of human race, the birth place of human speech, the mother of history, grand mother of tradition </p>

</div>

</body>

</html>