**HTML:**

1)

<!DOCTYPE> must be the first thing in HTML document. It is is before the <html> tag. It is not the html tag. It is used to give instructions to web about what version of HTML the page is written in.

2)

<input type =”text”> defines one line text input field for text input.

<input type = “radio”> defines radio button

<input type =”checkbox”> defines checkbox.

It allows user to select zero or more options from limited number of choices.

3)

Table is represented with <table> tag. Following are table elements.

Table row

Table header

Table data.

4)

Iframe is used to display a webpage within a webpage.

Example:

<iframe src = <http://www.w3schools.com> width = 200px length = 250px style = “background: yellow”></iframe>

5)

**Block elements:** Block elements always start in a new line and take up the full width available.

Example: <div>

<h1>……<h6>

<form>

6)

Inline elements don’t start in a new line. These elements take required width.

7)

With local storage, web applications store data locally within users’ browser. Before HTML5 data had to be store in cookies local storage is very secure and larger amount of data can be store locally without effecting the website performance.

Local storage provided two objects for storing data on client.

Window.localstorage: Stores data with no expiration date.

Window.sessionstorage: stores data for only one session.

8)

HTML5 controls:

SVG: Scalable Vector Graphics.

SVG is used to define graphics for web.

Canvas elements is used to draw the graphics on fly via JS.

Canvas is just container for graphics but we must use JS to draw graphics.

Video element specifies a standard way to embed a video in webpage.

9)

Semantic element gives it’s exact meaning to both browser and developer.

Examples of semantic elements:

<Header> <footer> <aside> <section> <article> <nav> <fig> <figcaption> <main> <details> <mark>

10)

<Article> tag contains independent self-contained content.

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