**Module 5 – Frontend – HTML5**

**Theory Assignment**

1. **Question 1**: Difference b/w HTML & HTML5?

### Ans-New Semantic Elements

* **HTML:** Used <div> and <span> for layout without meaningful structure.
* **HTML5:** Introduced **semantic tags** like:
  + <header>, <footer>, <article>, <section>, <nav>, <aside>

### ****Multimedia Support****

* **HTML:** Required third-party plugins (like Flash) for audio/video.
* **HTML5:** Built-in tags:
  + <audio>, <video>

### ****Graphics****

* **HTML:** Needed external tools (e.g., Flash) for drawing graphics.
* **HTML5:** Introduced:
  + <canvas> for 2D drawing
  + SVG support improved

### ****Form Enhancements****

* **HTML5:** Added new input types:
  + date, email, range, search, tel, url, color

### ****APIs and Browser Features****

* **HTML5:** Supports new APIs like:
  + Geolocation API
  + Web Storage API (localStorage, sessionStorage)
  + WebSockets
  + Offline Web Applications with manifest

### ****Browser Compatibility****

* **HTML:** Older browsers supported.
* **HTML5:** Designed for modern browsers, though most features are backward-compatible.

**Question 2**: What are the additional tags used in HTML5?

**<header>**

**<footer>**

**<nav>**

**<section>**

**<article>**

**<aside>**

**<main>**

**<figure>**

**<figcaption>**

**<mark>**

**<time>**

**<audio>**

**<video>**

**<source>**

**<track>**

**<canvas>**

**<svg>**

**<datalist>**

**<output>**

**<progress>**

**<meter>**