**Question 1: Difference between HTML and HTML5**

1. **Version:**
   * **HTML is the older version (e.g., HTML 4.01).**
   * **HTML5 is the latest version.**
2. **Doctype Declaration:**
   * **HTML uses a long doctype.**
   * **HTML5 uses a short and simple doctype: <!DOCTYPE html>.**
3. **Multimedia Support:**
   * **HTML needs external plugins (like Flash).**
   * **HTML5 supports <audio> and <video> tags natively.**
4. **Semantic Tags:**
   * **HTML uses mostly <div> and <span>.**
   * **HTML5 introduces semantic tags like <header>, <footer>, etc.**
5. **Graphics Support:**
   * **HTML doesn't support graphics directly.**
   * **HTML5 includes <canvas> and supports SVG.**
6. **Form Features:**
   * **HTML has basic input types.**
   * **HTML5 adds new types like email, date, range, etc.**
7. **APIs:**
   * **HTML lacks built-in APIs.**
   * **HTML5 includes APIs like Geolocation, Web Storage, and Drag & Drop.**
8. **Browser Compatibility:**
   * **HTML may not work well on all modern devices.**
   * **HTML5 is optimized for mobile and modern browsers.**

**Question 2: Additional Tags Introduced in HTML5**

**Here are some of the new elements introduced in HTML5:**

**Semantic Tags:**

* **<header> – Represents introductory content or navigational links**
* **<footer> – Defines footer for a document or section**
* **<article> – Represents a self-contained piece of content**
* **<section> – Groups related content together**
* **<nav> – Navigation links**
* **<aside> – Side content, like a sidebar**
* **<main> – The main content of a document**
* **<figure> and <figcaption> – For illustrations and their captions**
* **<mark> – Highlights text**

**Multimedia Tags:**

* **<audio> – Embeds audio content**
* **<video> – Embeds video content**
* **<source> – Specifies multiple media resources for media elements**
* **<track> – Adds subtitles or captions to video/audio**

**Graphics:**

* **<canvas> – Used for drawing graphics on the fly**

**Form Input Types and Elements:**

* **New input types: email, url, number, range, date, color, etc.**
* **<datalist> – Provides predefined options for input elements**
* **<output> – Represents result of a calculation**
* **<progress> – Shows progress of a task**
* **<meter> – Displays scalar measurement**