

## **Report Day: 5**

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### **Task: Revision of all Html concepts and Making Homepage using Html:**

#### **HTML Introduction:**

HTML (HyperText Markup Language) is the standard language used to create the **structure** of web pages. It is not a programming language but a **markup language** that defines elements to format and organize content on the internet.

#### **HTML Tag Summary :**

**1. <!DOCTYPE html>**

Declares the document as an HTML5 page. Helps the browser interpret the code correctly.

**2. <html>**

Root element that wraps the entire HTML document. All visible and invisible content goes inside this.

**3. <head>**

Contains metadata like the title and page info. Content here doesn't appear on the actual webpage.

**4. <title>**

Sets the title shown in the browser tab. It is placed inside the <head> section.

**5. <body>**

Holds all visible content like text, images, links, etc. Appears after the <head>.

**6. <h1> to <h6>**

Defines headings from largest (<h1>) to smallest (<h6>). Used to organize content hierarchically.

**7. <p>**

Represents a paragraph of text. Adds spacing above and below automatically.

**8. <a>**

Creates a hyperlink using the href attribute. Used to link to other pages, sections, or sites.

**9. <img>**

Inserts an image on the page using src and alt. It's a self-closing tag.

**10. <ul>, <ol>, <li>**

Used to create unordered (bullets) or ordered (numbers) lists. Each item goes inside <li>.

**11. <input>**

Creates an input field for user data (like text, email, etc.). Often used in forms.

**12. <button>**

Defines a clickable button. Can be used for forms or actions like navigation.

**13. <div>**

A container used to group elements. Helps structure sections of the page.

**14. <nav>**

Defines the navigation section (menus/links). A semantic tag used for site structure.

**15. <footer>**

Marks the bottom of the page. Usually contains copyright, contact info, etc.

**16. <header>**

Marks the top section of the page. Often contains the site title or logo.

**17. <center>**

Used to center text or elements on the page. Obsolete but works in basic HTML.

**18. <form>**

Used to collect user input through fields like text, email, buttons, etc.

**19. <label>**

Gives a name or description to an input field. Improves accessibility and clarity.

**20. <table>, <tr>, <td>**

Creates tables. <tr> defines rows and <td> defines cells (columns).

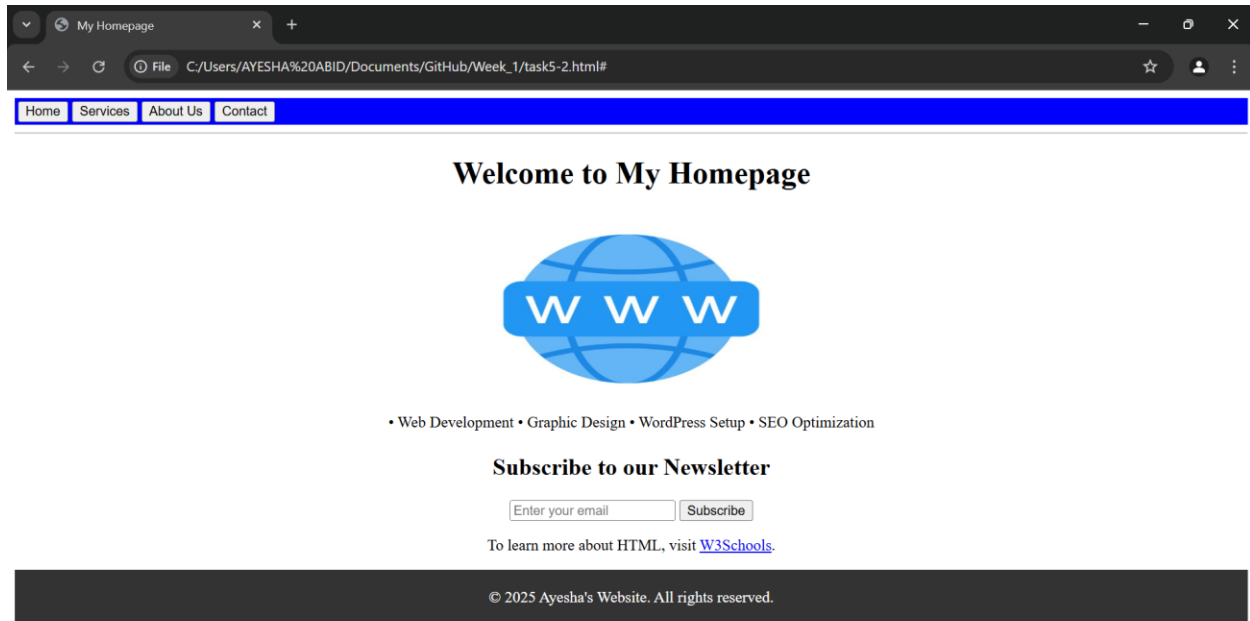
**Homepage of Website:**



```

56 <!-- Footer Section -->
57 <table width="100%" bgcolor="#333">
58 <tr>
59 <td align="center">
60 <footer>
61 <p style="color: white; ">&copy; 2025 Ayesha's Website. All rights reserved.</p>
62 </footer>
63 </td>
64 </tr>
65 </table>
66 </html>
67

```



## Conclusion:

Through this learning session, I practiced all major basic HTML tags headings, paragraphs, lists, images, links, and structure tags like `<nav>`, `<header>`, and `<footer>`. I also learned practical ways to align and format content using only HTML.