

CS23531- WEB PROGRAMMING Assignment 1

Dinisha R (230701080)

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>My HTML5 Profile</title>
</head>

<body>
  <header>
    <h1>Dinisha's HTML5 Profile</h1>
    <nav>
      <ul>
        <li><a href="#about">About Me</a></li>
        <li><a href="#skills">Skills</a></li>
        <li><a href="#experience">Experience</a></li>
        <li><a href="#projects">Projects</a></li>
        <li><a href="#contact">Contact</a></li>
      </ul>
    </nav>
  </header>

  <main>
    <section id="about">
      <h2>About Me</h2>
      <p>
        Hello! I'm Dinisha, a passionate web enthusiast exploring the
        depths of HTML5.
        I enjoy building things for the web and learning new
        technologies.
        This page serves as a demonstration of various HTML5 elements.
      </p>
      <blockquote>
        "The web is for everyone and accessibility is key."
        <cite> - Tim Berners-Lee</cite>
      </blockquote>
      <p>
        My journey into web development began in <time datetime="2020-
        01-15">January 2020</time>.
      </p>
    </section>
    <section id="skills">
      <h2>My Skills</h2>
```

```

        <dt>HTML5</dt>
        <dd>Proficient in semantic markup and document structure.</dd>
        <dt>CSS3</dt>
        <dd>Familiar with styling and layout techniques.</dd>
        <dt>JavaScript</dt>
        <dd>Basic understanding of client-side scripting.</dd>
    </dl>

    <h3>Progress in Learning</h3>
    <p>HTML Mastery: <progress value="80" max="100">80%</progress></p>
    <p>CSS Knowledge: <meter value="0.6">60%</meter></p>
</section>
<section id="experience">
    <h2>Work Experience</h2>
    <table border="1">
        <caption>Summary of Professional Experience</caption>
        <thead>
            <tr>
                <th>Company</th>
                <th>Role</th>
                <th>Duration</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <td>Tech Solutions Inc.</td>
                <td>Junior Web Developer</td>
                <td><time datetime="2022-03">Mar 2022</time> - <time
datetime="2023-09">Sep 2023</time></td>
            </tr>
            <tr>
                <td>Digital Innovators</td>
                <td>HTML Layout Specialist</td>
                <td><time datetime="2021-01">Jan 2021</time> - <time
datetime="2022-02">Feb 2022</time></td>
            </tr>
        </tbody>
        <tfoot>
            <tr>
                <td colspan="3">More details available upon
request.</td>
            </tr>
        </tfoot>
    </table>
</section>

<section id="projects">

```

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    <h2>My Projects</h2>
    <article>
        <h3>Project Alpha</h3>
        <p>
            A simple static website demonstrating responsive design
principles.

            It uses basic HTML structure and CSS.
        </p>
        <figure>
            
            <figcaption>Screenshot of Project Alpha
homepage.</figcaption>
        </figure>
        <p>
            Listen to a brief audio description:
            <audio controls>
                <source
src="https://www.soundhelix.com/examples/mp3/SoundHelix-Song-1.mp3"
type="audio/mpeg">
                Your browser does not support the audio element.
            </audio>
        </p>
    </article>

    <article>
        <h3>Project Beta</h3>
        <p>
            A short video showcasing a conceptual UI animation.
        </p>
        <video controls width="400" height="225">
            <source src="https://www.w3schools.com/html/mov_bbb.mp4"
type="video/mp4">
            <track kind="captions" srcLang="en" label="English"
src="captions.vtt">
            Your browser does not support the video tag.
        </video>
    </article>
</section>

<section id="contact">
    <h2>Contact Me</h2>
    <form action="#" method="POST">
        <fieldset>
            <legend>Personal Information</legend>
            <label for="fullName">Full Name:</label><br>

```

```

        <input type="text" id="fullName" name="fullName"
placeholder="Your Name" required><br><br>
        <label for="userEmail">Email:</label><br>
        <input type="email" id="userEmail" name="userEmail"
placeholder="your@example.com" required><br><br>
        <label for="userPhone">Phone:</label><br>
        <input type="tel" id="userPhone" name="userPhone"
pattern="[0-9]{3}-[0-9]{3}-[0-9]{4}"
placeholder="123-456-7890"><br><br>
        <label for="birthDate">Birth Date:</label><br>
        <input type="date" id="birthDate"
name="birthDate"><br><br>
        <label for="favColor">Favorite Color:</label><br>
        <input type="color" id="favColor" name="favColor"><br><br>
        <label for="quantity">Quantity (1-10):</label><br>
        <input type="number" id="quantity" name="quantity" min="1"
max="10" value="1"><br><br>
        <label for="volume">Volume (0-100):</label><br>
        <input type="range" id="volume" name="volume" min="0"
max="100" value="50"><br><br>
        <label for="website">Website:</label><br>
        <input type="url" id="website" name="website"
placeholder="https://example.com"><br><br>
    </fieldset>
    <br>

    <fieldset>
        <legend>Message Details</legend>
        <label for="subject">Subject:</label><br>
        <select id="subject" name="subject">
            <option value="">--Please choose an option--</option>
            <option value="inquiry">General Inquiry</option>
            <option value="feedback">Feedback</option>
            <option value="collab">Collaboration</option>
        </select><br><br>

        <label for="message">Your Message:</label><br>
        <textarea id="message" name="message" rows="5" cols="40"
placeholder="Type your message
here..."></textarea><br><br>
        <label for="browser">Your Browser:</label>
        <input list="browsers" name="browser" id="browser">
        <datalist id="browsers">
            <option value="Chrome">
            <option value="Firefox">
            <option value="Safari">
            <option value="Edge">
        </datalist><br><br>

```

```

        <input type="checkbox" id="newsletter" name="newsletter"
value="yes">
        <label for="newsletter">Subscribe to
newsletter</label><br><br>
        <p>Preferred Contact Method:</p>
        <input type="radio" id="emailContact" name="contactMethod"
value="email">
        <label for="emailContact">Email</label><br>
        <input type="radio" id="phoneContact" name="contactMethod"
value="phone">
        <label for="phoneContact">Phone</label><br><br>
        <button type="submit">Send Message</button>
        <button type="reset">Clear Form</button>
    </fieldset>
</form>
</section>

<hr>
<details>
    <summary>More About This Page</summary>
    <p>This page was created to demonstrate a wide range of HTML5 tags
in a practical context.</p>
    <p>
        This text is <em>emphasized</em>. This text is
<strong>important</strong>.
    </p>
    <p>
        This is a line break.<br>
        This is another line.
    </p>
    <p>
        Here's some <mark>highlighted text</mark>.
    </p>
    <p>
        Mathematical expressions:  $x^2 + y^2$ 
    </p>
    <pre>
        <code>
            function greet() {
                console.log("Hello!");
            }
        </code>
    </pre>
</details>
</main>

<aside>
    <h3>Quick Links</h3>

```

```

        <ul>
            <li><a href="https://www.w3.org/TR/html5/" target="_blank"
rel="noopener noreferrer">HTML5
                Specification</a></li>
            <li><a href="https://developer.mozilla.org/en-US/docs/Web/HTML"
target="_blank"
                rel="noopener noreferrer">MDN HTML Docs</a></li>
        </ul>
        <p><small>This is some small print.</small></p>
    </aside>

    <footer>
        <p>&copy; 2025 Dinisha . All rights reserved.</p>
        <address>
            <a
href="mailto:dinisharavindran@gmail.com">dinisharavindran@gmail.com</a><br>
            Visit us at: <a href="http://www.example.com">Example.com</a>
        </address>
    </footer>
</body>

</html>

```

Output:

Dinisha's HTML5 Profile

- [About Me](#)
- [Skills](#)
- [Experience](#)
- [Projects](#)
- [Contact](#)

About Me

Hello! I'm Dinisha, a passionate web enthusiast exploring the depths of HTML5. I enjoy building things for the web and learning new technologies. This page serves as a demonstration of various HTML5 elements.

"The web is for everyone and accessibility is key." - *Tim Berners-Lee*

My journey into web development began in January 2020.

My Skills

HTML5
Proficient in semantic markup and document structure.

CSS3
Familiar with styling and layout techniques.

JavaScript
Basic understanding of client-side scripting.

Progress in Learning

HTML Mastery:

CSS Knowledge:

Work Experience

Summary of Professional Experience		
Company	Role	Duration
Tech Solutions Inc.	Junior Web Developer	Mar 2022 - Sep 2023
Digital Innovators	HTML Layout Specialist	Jan 2021 - Feb 2022
More details available upon request.		

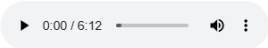
My Projects

Project Alpha

A simple static website demonstrating responsive design principles. It uses basic HTML structure and CSS.



Screenshot of Project Alpha homepage.



Listen to a brief audio description:

Project Beta

A short video showcasing a conceptual UI animation.



Contact Me

Personal Information

Full Name:

Email:

Phone:

Birth Date:

Favorite Color:

Quantity (1-10):

Volume (0-100):

Website:

Message Details

Subject:

--Please choose an option--

Your Message:

Type your message here...

Your Browser:

☐ Subscribe to newsletter

Preferred Contact Method:

☐ Email

☐ WhatsApp

Preferred Contact Method:

- ☐ Email
☐ Phone

► More About This Page

Quick Links

- [HTML5 Specification](#)
- [MDN HTML Docs](#)

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