**Department of Computer Science & Engineering**

**Sub: Web Technology Lab**

**Lab Worksheet**

**Upload the document with correct code:** [**https://forms.gle/QKdmDDEUqT74EiTq5**](https://forms.gle/QKdmDDEUqT74EiTq5)

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**Identify and correct the issues in the code below.**

1. The webpage displays text but no structure.

<html>

<head>

<title>My Profile Page</title>

</head>

<body>

<h1>Welcome to My Profile</h1>

<p>Hi, I'm learning HTML5.

</body>

</html>

Missing closing tag for the </p> element.

<html>

<head>

<title>My Profile Page</title>

</head>

<body>

<h1>Welcome to My Profile</h1>

<p>Hi, I'm learning HTML5.</p>

</body>

</html>

1. Clicking on the link doesn’t take you anywhere.

<a href="www.google.com">Visit Google</a>

The link should have a full URL, including http:// or https://, for it to work.

<a href="https://www.google.com">Visit Google</a>

1. The image does not appear on the webpage.

<img src="user-profile.png" alt="Profile Picture">

<img src="user-profile.png" alt="Profile Picture">

The image <img src="user-profile.png" alt="Profile Picture"> isn't appearing because the path may be wrong, or the image might not exist in the location specified.

1. Clicking submit does nothing.

<form>

<input type="text" name="username">

<button>Submit</button>

</form>

<form action="/submit" method="POST">

The <form> tag is missing an action attribute that tells where the form data is submitted.

The <button> should ideally have a type of "submit" to make it function properly.

1. The table rows are misaligned and content overflows.

<table border="1">

<tr>

<td>Name</td>

<td>Email</td>

<tr>

<td>John Doe</td>

<td>john@example.com</td>

</tr>

</table>

The <tr> tag is missing a closing tag before the next row.

<tr>

<td>Name</td>

<td>Email</td>

</tr>

1. The embedded video does not play on some browsers.

<video src="video.mp4" controls></video>

The <video> tag may not work on some browsers due to missing file formats or incorrect paths. Additionally, it should include the type attribute to specify the video file type.

<video src="video.mp4" controls type="video/mp4"></video>

1. The following HTML page is supposed to display a **heading, paragraph, image, and a list**. However, it gives wrong output due to multiple errors. The page does not render properly, and some elements are missing.

Identify and fix the errors in the code.

<!DOCTYPE html>

<html>

<head>

<title>My Broken Web Page

</head>

<body>

<h1>Welcome to My Page</h1>

<p>This is a paragraph with a missing closing tag

<img src="mypic.jpg">

<ul>

<li>Item 1

<li>Item 2</li>

<li>Item 3<li>

</ul>

<a href="contact.html">Contact Us

</body>

</html>

**Why is the page not displaying the title properly?**

* The <title> tag is not properly closed. It should be </title> instead of leaving it open.

**Why is the paragraph text not formatted correctly?**

* The <p> tag does not have a closing </p>, which causes the text to not be properly formatted.

**Why is the image not loading properly?**

* The <img> tag is missing an alt attribute.

**What is wrong with the list (<ul> and <li>) structure?**

* Some <li> tags are missing closing </li>, causing improper rendering of the list.

**Why is the link (<a> tag) not clickable?**

* The <a> tag does not have a closing </a>, making the link non-functional.

<!DOCTYPE html>

<html>

<head>

<title>My Broken Web Page</title>

</head>

<body>

<h1>Welcome to My Page</h1>

<p>This is a paragraph with a missing closing tag.</p>

<img src="mypic.jpg" alt="My Picture">

<ul>

<li>Item 1</li>

<li>Item 2</li>

<li>Item 3</li>

</ul>

<a href="contact.html">Contact Us</a>

</body>

</html>

1. This HTML page is supposed to display:  
   A navigation menu  
   A hero section with an image and a heading

A contact form

However, the page **does not display properly** because of multiple errors. **find and fix them!**

<!DOCTYPE html>

<html>

<head>

<title>Company Website</title>

<head>

<body>

<nav>

<ul>

<li><a href="index.html">Home<a></li>

<li><a href="about.html">About</li>

<li><a href="contact.html">Contact Us</a></li>

</ul>

</nav>

<div class="hero-section">

<h1>Welcome to Our Website<h1>

<img src="banner.jpg" alt="Company Banner>

</div>

<div class="contact-form">

<h2>Contact Us</h2>

<form action="submit.php" method="POST">

Name: <input type="text" name="name">

Email: <input type="email" name="email"

<textarea name="message">Enter your message</textarea>

<button type="submit">Send</button>

</form>

</div>

</body>

</html>

#### 

1. **Why is the navigation menu not displaying correctly?**
   * Some <a> tags are not properly closed inside the list items.
2. **Why is the hero section's image not loading?**
   * The <img> tag lacks a closing " in the alt attribute.
3. **Why is the contact form not submitting properly?**
   * The <input> field for email is missing a closing >.
4. **What is wrong with the <input> fields?**
   * The email input is missing a closing >, and <textarea> should have a proper placeholder instead of default text inside.
5. **How can we ensure proper HTML structure and readability?**
   * All tags should be properly closed, indentation should be used for clarity, and elements should be structured logically.

<!DOCTYPE html>

<html>

<head>

<title>Company Website</title>

</head>

<body>

<nav>

<ul>

<li><a href="index.html">Home</a></li>

<li><a href="about.html">About</a></li>

<li><a href="contact.html">Contact Us</a></li>

</ul>

</nav>

<div class="hero-section">

<h1>Welcome to Our Website</h1>

<img src="banner.jpg" alt="Company Banner">

</div>

<div class="contact-form">

<h2>Contact Us</h2>

<form action="submit.php" method="POST">

Name: <input type="text" name="name"><br>

Email: <input type="email" name="email"><br>

<textarea name="message" placeholder="Enter your message"></textarea><br>

<button type="submit">Send</button>

</form>

</div>

</body>

</html>