**Lab Exercise 1**

**Title:** Assignment on HTML

**Objectives:**

1. Design a Home page for Product / Service based Company, using HTML only.

Suggestion:

Company Details: Name, address, contact information, and a brief description.

Services: A list of services offered by the company.

Logo: An image of the company logo.

Introduction Audio: An audio clip introducing the company.

Promotional Video: A short video showcasing the company's products or services.

Ensure the page includes the following HTML elements and features:

* Proper formatting with appropriate use of semantic tags (e.g., <header>, <footer>, <section>, <article>)
* An image element for the company logo
* An audio element for the introduction audio
* A video element for the promotional video
* Anchor tags for links to social media or company websites
* A table to organize company details
* A list to display the services offered

1. Design an HTML form to take inputs for placing orders for customized T-shirts, using HTML only

Suggestion:

Tagline on the Shirt: A text input field to enter the tagline.

Color: A dropdown menu to select the T-shirt color.

Size: A dropdown menu to select the T-shirt size.

Quantity: A number input field to specify the quantity.

Delivery Date: A date input field to select the delivery date.

Delivery Details: Text fields for the recipient's name, address, email, and phone number.

Additional Comments: A text area for any additional comments or special instructions.

Ensure the form includes the following HTML5 form elements and features:

* <form> tag with action and method attributes
* Appropriate use of input types such as text, email, number, and date
* Dropdown menus (<select> and <option> tags) for color and size selection
* Labels (<label> tags) for each input field
* Submit and reset buttons (<button> or <input type="submit"> and <input type="reset">)
* Placeholder text and fieldset for grouping related fields
* Form validation attributes like required and pattern

**Theory**

1. What is HTML?
2. What are Tags?
3. State what are Block level Tags
4. Mention the various HTML Text Formatting Tags
5. Define Semantic Tags.

**Hosted Page:**

GitHub Repo for Assignment 1:

Hosted link of Assignment 1:

GitHub Repo for Assignment 2:

Hosted link of Assignment 2:

**Code with Screenshot:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Company Home Page</title>

<style>

body {

font-family: Arial, sans-serif;

margin: 0;

padding: 0;

background-color: #f4f4f4;

}

header {

background-color: #333;

color: white;

padding: 20px;

text-align: center;

}

header img {

max-width: 150px;

}

nav {

text-align: center;

padding: 10px;

background-color: #444;

}

nav a {

color: white;

padding: 10px 20px;

text-decoration: none;

}

nav a:hover {

background-color: #555;

}

section {

margin: 20px;

padding: 20px;

background-color: white;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

table {

width: 100%;

border-collapse: collapse;

margin-bottom: 20px;

}

table, th, td {

border: 1px solid #ddd;

padding: 10px;

text-align: left;

}

footer {

background-color: #333;

color: white;

text-align: center;

padding: 10px;

margin-top: 20px;

}

</style>

</head>

<body>

<header>

<img src="logo.png" alt="Company Logo">

<h1>Welcome to Our Company</h1>

<p>Your partner in innovative solutions</p>

</header>

<nav>

<a href="#about">About Us</a>

<a href="#services">Services</a>

<a href="#contact">Contact Us</a>

</nav>

<section id="about">

<h2>About Our Company</h2>

<table>

<tr>

<th>Company Name</th>

<td>XYZ Solutions</td>

</tr>

<tr>

<th>Address</th>

<td>123 Innovation Drive, Tech City, Country</td>

</tr>

<tr>

<th>Contact</th>

<td>Email: info@xyzsolutions.com | Phone: +123-456-7890</td>

</tr>

<tr>

<th>Description</th>

<td>XYZ Solutions specializes in cutting-edge technology services that help businesses grow and thrive in the digital era. We provide customized solutions tailored to the needs of our clients.</td>

</tr>

</table>

</section>

<section id="services">

<h2>Our Services</h2>

<ul>

<li>Software Development</li>

<li>IT Consulting</li>

<li>Cloud Solutions</li>

<li>Data Analytics</li>

<li>Cybersecurity</li>

</ul>

</section>

<section id="media">

<h2>Introduction and Media</h2>

<h3>Introduction Audio</h3>

<audio controls>

<source src="intro.mp3" type="audio/mpeg">

Your browser does not support the audio element.

</audio>

<h3>Promotional Video</h3>

<video width="320" height="240" controls>

<source src="promo.mp4" type="video/mp4">

Your browser does not support the video element.

</video>

</section>

<footer>

<p>Follow us on:</p>

<a href="https://facebook.com/xyzsolutions" target="\_blank">Facebook</a> |

<a href="https://twitter.com/xyzsolutions" target="\_blank">Twitter</a> |

<a href="https://linkedin.com/company/xyzsolutions" target="\_blank">LinkedIn</a>

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</footer>

</body>

</html>

Output:

