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**Div:**D15C  
**Roll No:**14

## **Lab Exercise 1A**

**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

## **Theory**

### **1)What is HTML?**

HyperText Markup Language (HTML) is the standard language for creating webpages. It structures content using elements like text, images, links, and other multimedia components. Web browsers interpret HTML to display the content in a visually structured format.

### **2)What are Tags?**

Tags are the fundamental building blocks in HTML used to define elements and content on a webpage. Each tag is enclosed in angle brackets (e.g., <tag>), where most tags come in pairs, consisting of an opening tag and a closing tag (e.g., <p></p>), defining the start and end of an element.

### 3) State what are Block level Tags

Block-level tags are HTML elements that occupy the entire width of their container, starting on a new line. These tags define large sections or structures of a webpage and include elements like `<div>`, `<p>` (paragraph), `<h1>` to `<h6>` (headings), `<section>`, and `<article>`.

### 4) Mention the various HTML Text Formatting Tags

HTML text formatting tags are used to apply styles and emphasis to text content. Examples include:

1. `<b>` for bold text,
2. `<i>` for italicized text,
3. `<u>` for underlined text,
4. `<em>` for emphasis (usually italic),
5. `<strong>` for strong emphasis (usually bold).

### 5) Define Semantic Tags.

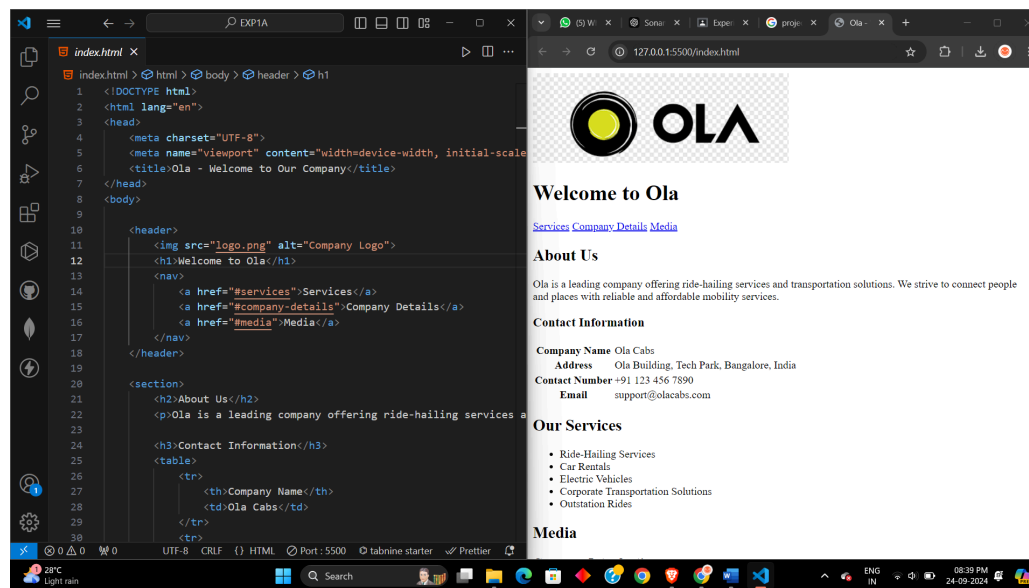
Semantic tags in HTML provide meaningful context to the content they wrap, making it easier for search engines and screen readers to understand the structure of the webpage. Tags like `<header>`, `<footer>`, `<article>`, and `<nav>` indicate specific sections of a webpage, improving both SEO and accessibility.

### Hosted Page:

GitHub Repo for Assignment 1A <https://github.com/shivpratikhande/IP/tree/main/EXP5>

Hosted link of Assignment 1A: <https://shivpratikhande.github.io/IP/EXP5/index.html>

### Code with Screenshot:



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**Company Name** Ola Cabs  
**Address** Ola Building, Tech Park, Bangalore, India  
**Contact Number** +91 123 456 7890  
**Email** support@olacabs.com

**Our Services**

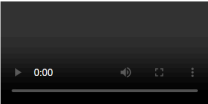
- Ride-Hailing Services
- Car Rentals
- Electric Vehicles
- Corporate Transportation Solutions
- Outstation Rides

**Media**

**Company Introduction**



**Promotional Video**



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