

Week 3 - Advanced HTML

Exercise 1

For this exercise, you need to create tables

- Create a table to display a product catalog for an online store
- Use an <h2> tag to title the table (e.g., "Product Catalog").
- Create a table with 4 columns:
 - Product Name
 - Price
 - Quantity
 - In Stock
- Add 3 rows of product data with sample values (e.g., "T-shirt," "\$10," "20," "Yes").
- Add a header row at the top of the table to describe each column.

Result:

Welcome to CADT Shop!

Product Name	Price	Quantity	In Stock
Book	\$20	20	Yes
Shirt	\$10	5	No
Water Bottle	\$30	10	Yes

Exercise 2

1. Create an HTML page with the title **"User Registration"**.
2. Inside the body, create a form that asks the user for the following information:
 - a. Full Name (text input)
 - b. Email Address (email input)
 - c. Password (password input)
 - d. Gender (radio buttons: Male, Female, Other)
 - e. Hobbies (checkboxes: Reading, Sports, Music, Other)
 - f. Country (dropdown with at least 3 options)
 - g. Upload Profile Picture (file input)
 - h. A **Submit** button
3. Make sure each input has a **label**.

4. Add **placeholder text** where appropriate
5. Use the **required** attribute for Full Name, Email, and Password.

Result:

User Registration Form

Full Name:

Email:

Password:

Gender:

☐ Male ☐ Female ☐ Other

Hobbies:

☐ Reading ☐ Sports ☐ Music

Country:

Upload Profile Picture: No file chosen

Exercise 3

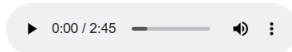
1. Create a new HTML file called **media.html**.
2. Inside the **<body>**, do the following:
 - a. Add an **<h2>** heading: **"Favorite Song"**
 - b. Embed an audio file using the **<audio>** tag.
 - c. Make sure it has **controls** (play, pause, volume).
 - d. Add the **autoplay** and **loop** attributes as an extra challenge.
 - e. Add an **<h2>** heading: **"Short Video"**
 - f. Embed a video file using the **<video>** tag.
 - g. Make it **640x360** in size.
 - h. Add **controls** for play/pause, and test **poster="thumbnail.jpg"** for a preview image.
 - i. Add an **<h2>** heading: **"External Content"**
 - j. Use an **<iframe>** to:
 - i. Show a YouTube video (choose any link).
 - ii. Embed a map from Google Maps.

iii. Make it **560x315** with a border.

Result:

Embedding Media in HTML

Favorite Song



Short Video



External Content



Exercise 4

Use these semantic tags: `<header>`, `<nav>`, `<main>`, `<article>`, `<section>`, `<footer>`.
The page must include:

- A header with the page title.
- A navigation menu with 3 links (Home, About, Contact).
- A main area with one article about your hobby.
- Inside the article, use at least one section for details.
- A footer with your name and the year.

