

# Day 7

## Multimedia and Embedding

HTML allows you to incorporate multimedia content and external resources into your webpages, enriching user experience with audio, video, and interactive elements. Here's a concise overview of how to use these features:

### Embedding Audio and Video

#### 1. Audio (<audio>):

- **Purpose:** To include audio files such as music or voice recordings on your webpage.
- **Features:**
  - **Playback Controls:** Provides user controls like play, pause, and volume.
  - **Autoplay:** Optionally starts playing automatically when the page loads.
  - **Loop:** Allows the audio to replay automatically when it ends.
  - **Preload:** Determines how the audio file is loaded (e.g., load automatically or only metadata).

#### 2. Video (<video>):

- **Purpose:** To embed video files on your webpage.
- **Features:**
  - **Playback Controls:** Provides controls for playing, pausing, and adjusting volume.
  - **Autoplay:** Optionally starts playing automatically when the page loads.
  - **Loop:** Allows the video to replay automatically when it ends.
  - **Muting:** Option to mute the video by default.
  - **Sizing:** Adjusts the width and height of the video player.

### Embedding External Content

#### <iframe>:

- **Purpose:** To embed external content or another HTML document within your page.
- **Features:**
  - **Source URL:** Specifies the URL of the content to be embedded.
  - **Sizing:** Allows setting the width and height of the embedded content.

- **Border Control:** Options to control or remove borders around the iframe.
- **Fullscreen:** Option to enable fullscreen mode for the embedded content.