HTML Multimedia

OBJECTIVES

By the end of the session, students should be able to

❑ Embed multimedia on a webpage like video and audio

<audio> tag

❑Before HTML5, audio files could only be played with a plug-in (like flash).

❑Audio element to embed a sound or music file into HTML document

❑Fallback content is displayed if the browser doesn't support the tag

❑MP3, ogg & Wav formats are supported by HTML 5

```
<audio controls>
  <source src="horse.ogg" type="audio/ogg">
  <source src="horse.mp3" type="audio/mpeg">
Your browser does not support the audio element.
</audio>
```

\<audio> tag

❑Element specifics attributes are

Attribute	Value	Description
autoplay	autoplay	Plays the sound file immediately or automatically on the loading of a web page
controls	controls	Displays the controls on a web page, such as play button or a short button
src	url	Specifies the path of an audio file to be played
loop	loop	Indicates to replay the audio file once it is finished

\<video\> tag

❑Play a video file by using \<video\> tag

❑Attributes of video tags

Attribute	Value	Description
autoplay	autoplay	Plays the video file automatically or immediately on the loading of the web page
controls	controls	Displays the controls on a webpage such as play or stop button
Poster	Image URL	Displays an image incase the video is unavailable or not loaded yet
src	URL	Specifies the path of the video file to be played
loop	loop	Indicates to replay the video file once it is finished
height	pixels	Specifies the height for the video player displayed on a web page
width	pixels	Specifies the width for the video player displayed on a web page

\<video\> tag

❑MP4, ogg & WebM formate are supported by HTML 5

```
<video width="320" height="240" controls>
  <source src="movie.mp4" type="video/mp4">
  <source src="movie.ogg" type="video/ogg">
Your browser does not support the video tag.
</video>
```

<source> tag

❑To add two or more media files of different types

❑Browser selects which type of file to be played based on its media type and support

❑Used inside the media elements such as audio and video

❑Its attributes

Attribute	Value	Description
src	URL	Specifies the path of the file name to play an audio or video file
type	Numeric value	Indicates the type of content that is embedded on a web page
media	Media query	Specifies the type of media resource, which is to be downloaded on the browser or not

Homework

❑Explore on embed elements to embed media files

Thank you