HTML Assignment

Topic: Media Tags in HTML

Instructions:

Explore Documentation

Explore more things from the official HTML documentation, but make sure to write the code on your own. Do not copy and paste the code from Google or from any AI tools. Writing your own code will enhance your learning.

Quality Matters

A well-written and creative assignment will increase your ranking in this course. Perform well to improve your chances of being selected for further opportunities after the course. Remember, every assignment will be checked strictly.

Submission Guidelines:

- Include comments in your code where necessary to explain the purpose of your tags and attributes.
- Compress your HTML file(s) into a ZIP folder for submission.
- Add a screenshot of your website within the same ZIP folder.
- Collaborate and Share
- Build a good connection with your university friends. Share your completed websites with friends to learn and inspire each other.

Naming Convention:

- Submit your ZIP folder with the name (eg, HTML_Assignment_YourName.zip).

Section-1 (01-file)

1. **Image Tag with Attributes:**

Create an HTML page that displays 3 images with the following attributes:

- Set different width and height for each image.

- Add an alt attribute for accessibility.

- Use relative paths for 2 images and an absolute path for 1 image.

2. Audio Tag:

Create a page with an <audio> tag that includes:

- Controls to play and pause the audio.

- A message like "Your browser does not support audio" for unsupported browsers.

- Use 2 sources (e.g., .mp3 and .ogg) to ensure compatibility.

3. Video Tag:

Create a video player using the <video> tag. Add the following features:

- Controls to play, pause, and mute.

- Include 2 different video sources (e.g., .mp4 and .webm).

- Set the video height to 400px.

4. YouTube Embed using <iframe>:

Embed a YouTube video using <iframe> with the following:

- Set the height and width attributes to create a responsive video size.

- Disable the frameborder and explain what the attribute does using comments.

5. Figure and Figcaption:

Create a <figure> tag that includes:

- One image with a width of 400px.

- Add a <figcaption> describing the image content.

Section-2 (02-file)

Create an HTML page with both an audio player and video player.

Ensure the <audio> and <video> tags have:

- At least 2 source files each.

- Fallback text for unsupported browsers.

Create a single page that embeds:

- A local video using <video>.

- A YouTube video using <iframe>.

- Add proper titles, controls, and comments for each video.

Create a simple image gallery using <img> tags.

Use 3 images and display them with:

- Different widths and heights.

- Alternate text for each image.

Embed an external website (e.g., https://jawadportfolio.vercel.app) using the <iframe> tag.

Add attributes to set the following:

- Width: 800px

- Height: 500px

- Add comments explaining the use of src and frameborder.

Use the <figure> tag to wrap a video and add a <figcaption>.

The <video> tag must:

- Include 2 video sources.

- Have controls, muted, and a height of 500px.

Create a page that:

- Displays a video and an image.

- Center-align both media using the <center> tag.