multimedia elements:

1. **Embedding an Image:**
   ```html
   <!DOCTYPE html>
   <html lang="en">
   <head>
      <meta charset="UTF-8">
      <meta name="viewport" content="width=device-width, initial-scale=1.0">
      <title>Image Example</title>
   </head>
   <body>
      <h1>Image Example</h1>
      <img src="example.jpg" alt="Example Image">
   </body>
   </html>
   ```

2. **Embedding Audio:**
   ```html
   <!DOCTYPE html>
   <html lang="en">
   <head>
      <meta charset="UTF-8">
      <meta name="viewport" content="width=device-width, initial-scale=1.0">
      <title>Audio Example</title>
   </head>
   <body>
      <h1>Audio Example</h1>
      <audio controls>
         <source src="example.mp3" type="audio/mp3">
         Your browser does not support the audio tag.
      </audio>
   </body>
   </html>
   ```

3. **Embedding Video:**
   ```html
   <!DOCTYPE html>
   <html lang="en">
   <head>
      <meta charset="UTF-8">
      <meta name="viewport" content="width=device-width, initial-scale=1.0">
   ```

```
    <title>Video Example</title>
  </head>
  <body>
    <h1>Video Example</h1>
    <video width="640" height="360" controls>
      <source src="example.mp4" type="video/mp4">
      Your browser does not support the video tag.
    </video>
  </body>
</html>
```

In these examples:
 - The first example displays an image using the `<img>` tag.
 - The second example includes an audio file using the `<audio>` tag, and the `controls` attribute adds playback controls.
 - The third example embeds a video using the `<video>` tag, with the `controls` attribute for playback controls. Adjust the `width` and `height` attributes as needed for your video dimensions.

Replace the file names ("example.jpg", "example.mp3", "example.mp4") with the actual file names and paths for your multimedia files.