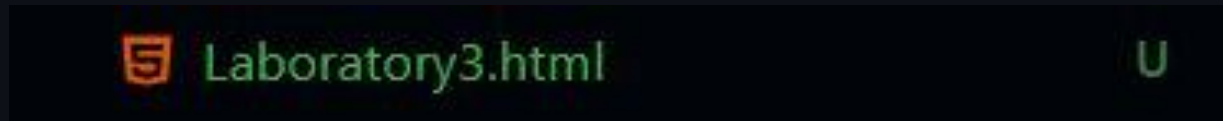# LABORATORY EXERCISE 3

TASK 1

Create an HTML file named Laboratory3.html.

TASK 2

Embed an audio file using the <audio> tag. Provide multiple audio sources (.mp3, .ogg, etc.) to ensure cross-browser compatibility.

```html
1   <!DOCTYPE html>
2   <html lang="en">
3     <head>
4       <meta charset="UTF-8">
5       <meta name="viewport" content="width=device-width, initial-scale=1.0">
6       <title>Laboratory 3</title>
7     </head>
8     <body>
9       <div class="container">
10        <audio class="custom-audio" controls loop>
11          <source src="assets/Fallen_Down.mp3" type="audio/mp3">
12          <source src="assets/Fallen_Down.ogg" type="audio/ogg">
13          <source src="assets/Fallen_Down.wav" type="audio/wav">
14          Your browser does not support the audio element.
15        </audio>
16      </div>
17    </body>
18  </html>
```
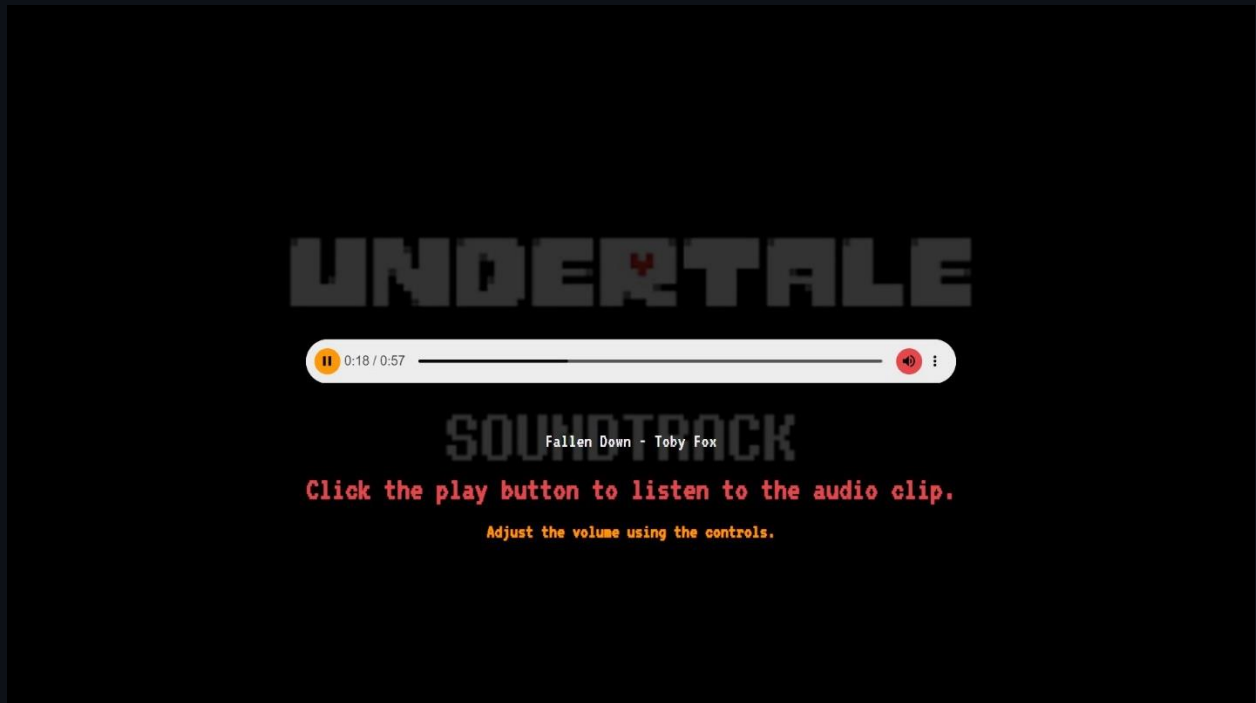
TASK 3

Add descriptive text or captions next to the audio element to guide users through interacting with the content.

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Laboratory 3</title>
  </head>
  <body>
    <div class="container">
      <audio class="custom-audio" controls loop>
        <source src="assets/Fallen_Down.mp3" type="audio/mp3">
        <source src="assets/Fallen_Down.ogg" type="audio/ogg">
        <source src="assets/Fallen_Down.wav" type="audio/wav">
        Your browser does not support the audio element.
      </audio>
      <p>Fallen Down - Toby Fox</p>
      <h1>Click the play button to listen to the audio clip.</h1>
      <h2>Adjust the volume using the controls.</h2>
    </div>
  </body>
</html>
```
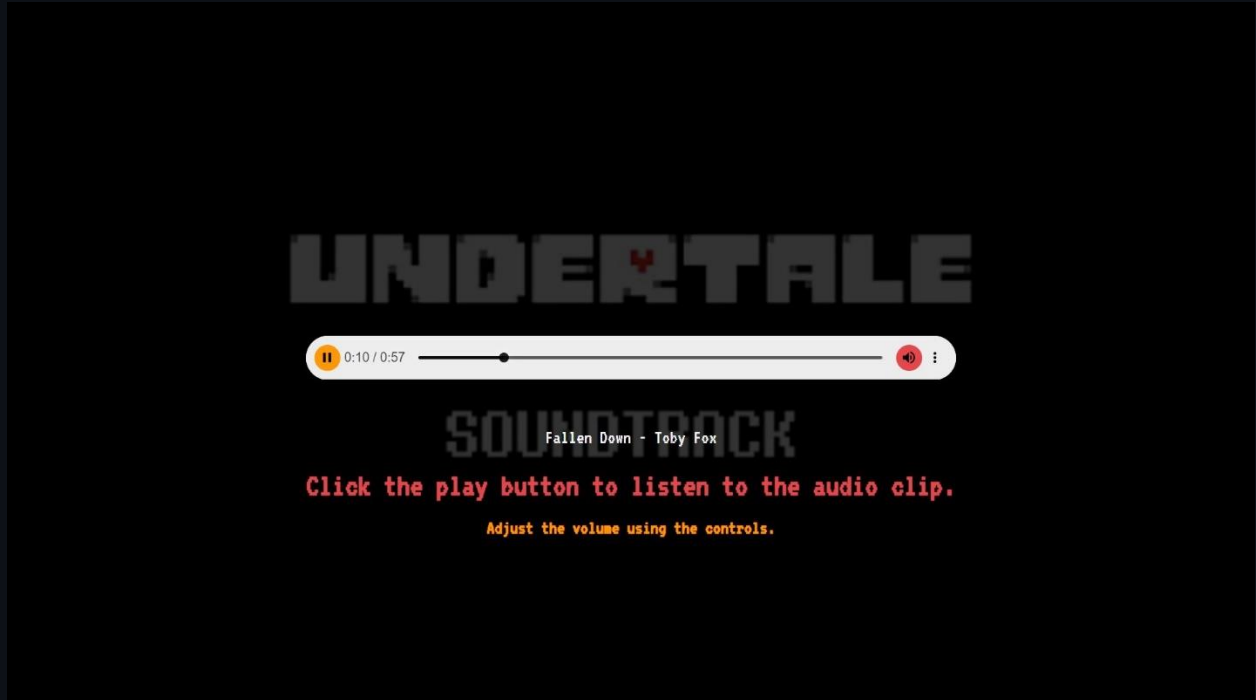
TASK 4

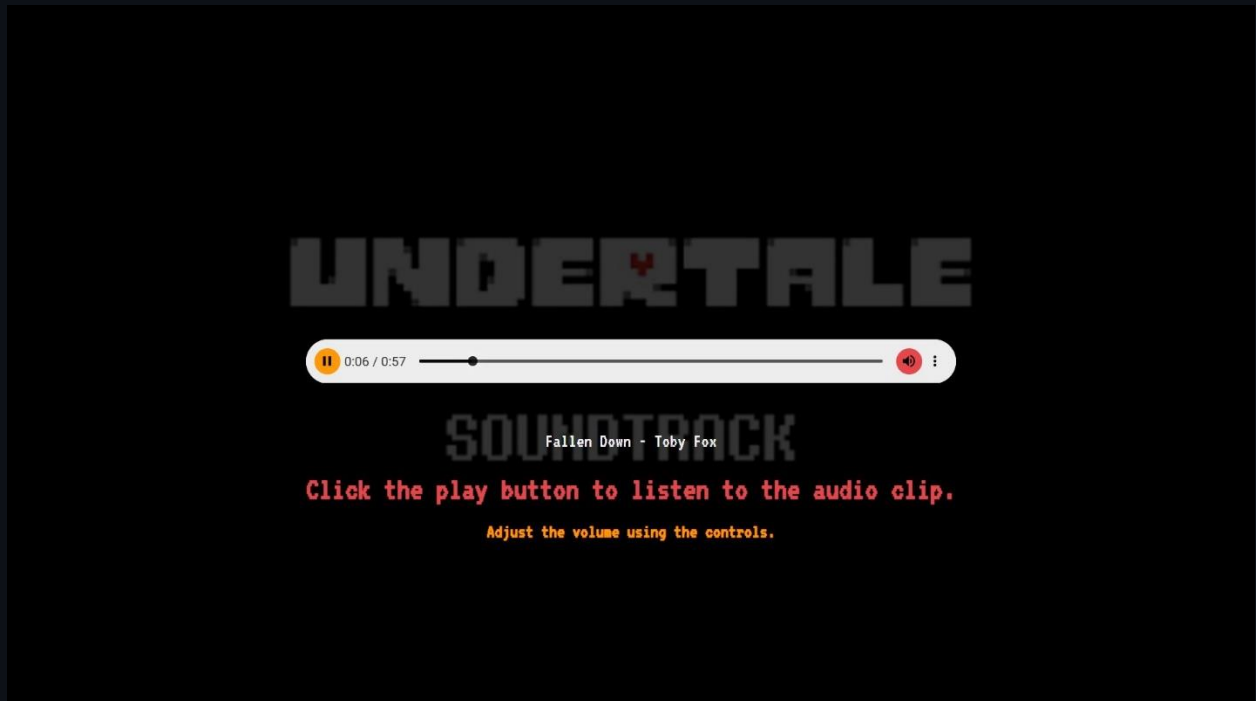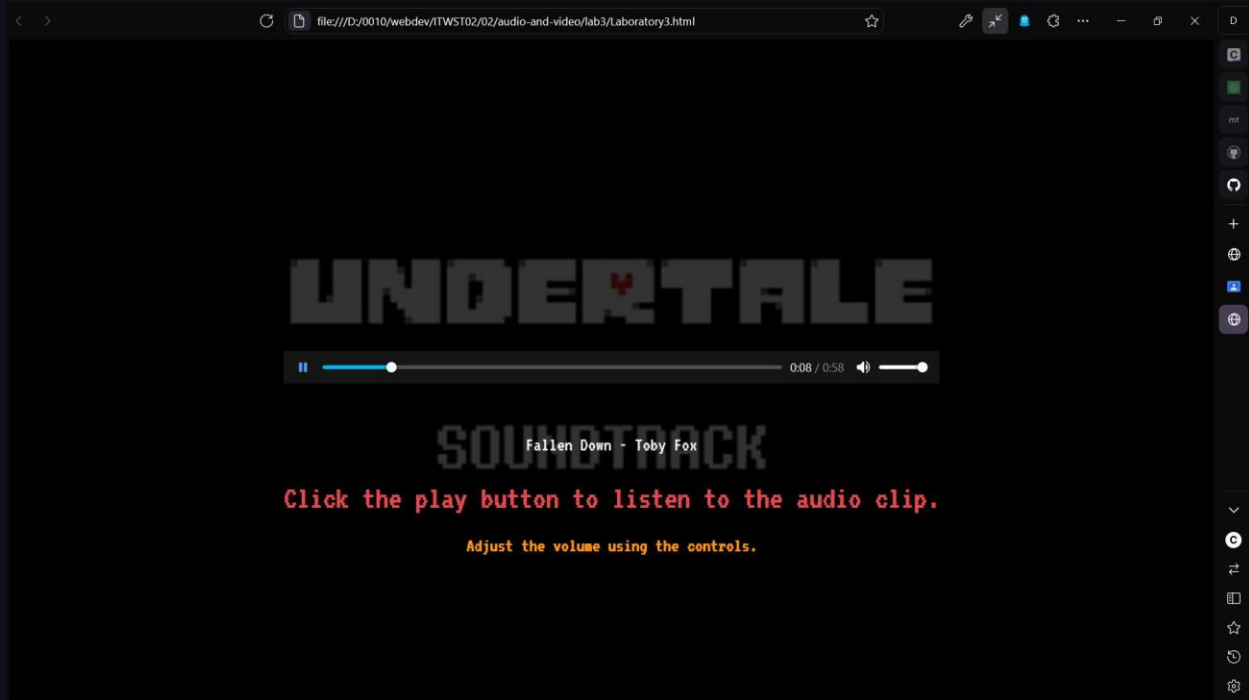Test the audio playback on different browsers and devices to ensure it functions correctly.
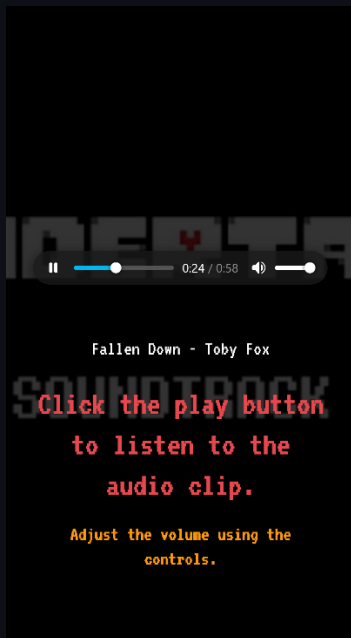
Chrome

Brave

Edge

Zen Browser (Firefox based)

Mobile size

TASK 5

Style the custom controls using CSS to make them visually appealing and user-friendly.

```css
@import url("https://fonts.googleapis.com/css2?family=VT323&display=swap");

body {
  font-family: "VT323", monospace;
  background: #010101 url("assets/undertale_fallendown.jpg") no-repeat center bottom;
  background-size: cover;
  margin: 0;
  height: 100vh;
  color: white;
  display: flex;
  align-items: center;
  justify-content: center;
  text-align: center;
}

.container {
  margin: 1rem auto 0 auto;
  max-width: 60rem;
  padding: 11rem 2rem 0 2rem;
  background-color: rgba(0, 0, 0, 0.8);
  border-radius: 15px;
}

.custom-audio {
  margin: 2rem auto;
  width: 100%;
  box-shadow: 0 4px 15px rgba(0, 0, 0, 0.6);
}

.custom-audio::-webkit-media-controls-panel {
  background-color: rgb(237, 237, 237);
}

.custom-audio::-webkit-media-controls-mute-button {
  background-color: rgb(229, 72, 77);
  border-radius: 50%;
}

.custom-audio::-webkit-media-controls-play-button {
  background-color: rgb(255, 153, 10);
  border-radius: 50%;
}

.custom-audio::-webkit-media-controls-play-button:hover {
  background-color: rgb(255, 167, 43);
}

.custom-audio::-webkit-media-controls-time-remaining-display,
.custom-audio::-webkit-media-controls-current-time-display {
  color: rgb(10, 10, 10);
  font-size: 1rem;
}

p {
  font-size: 1.5rem;
}

h1 {
  color: rgb(229, 72, 77);
  font-size: 2.5rem;
  margin-bottom: 1rem;
}

h2 {
  color: rgb(255, 153, 10);
  font-size: 1.5rem;
}
```

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet" type="text/css" href="styles.css" /> <!-- linked the external css -->
    <title>Laboratory 3</title>
  </head>
  <body>
    <div class="container">
      <audio class="custom-audio" controls loop>
        <source src="assets/Fallen_Down.mp3" type="audio/mp3">
        <source src="assets/Fallen_Down.ogg" type="audio/ogg">
        <source src="assets/Fallen_Down.wav" type="audio/wav">
        Your browser does not support the audio element.
      </audio>
      <p>Fallen Down - Toby Fox</p>
      <h1>Click the play button to listen to the audio clip.</h1>
      <h2>Adjust the volume using the controls.</h2>
    </div>
  </body>
</html>
```