

# LABORATORY EXERCISE 4

## TASK 1

Create an HTML file named Laboratory4.html.



## TASK 2

Embed a video file using the <video> tag. Provide multiple video sources (.mp4, .webm, etc.) to ensure cross-browser compatibility.

```
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 4</title>
7    </head>
8    <body>
9      <div class="video-container">
10        <video controls loop>
11          <source src="assets/endgame.mp4" type="video/mp4" />
12          <source src="assets/endgame.ogg" type="video/ogg" />
13          <source src="assets/endgame.webm" type="video/webm" />
14          Iron Man's heroic sacrifice in Avengers: Endgame
15        </video>
16      </div>
17    </body>
18  </html>
```

## TASK 3

Include descriptive text or captions below the video element to provide context or additional information.

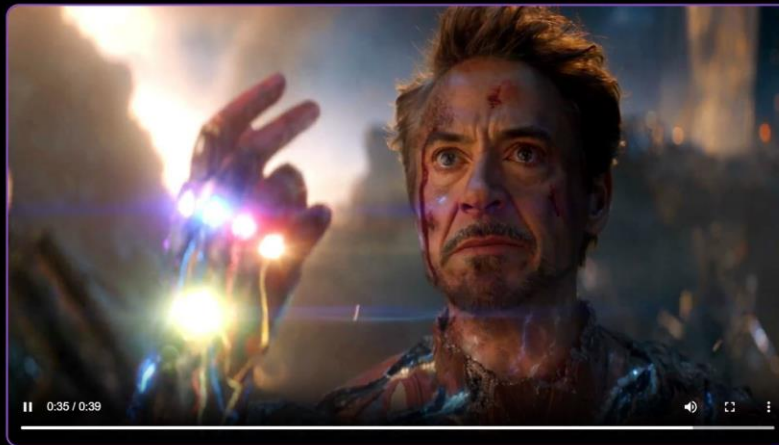


```
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2  <html lang="en">
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4      <meta charset="UTF-8">
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6      <title>Laboratory 4</title>
7    </head>
8    <body>
9      <div class="video-container">
10        <video controls loop>
11          <source src="assets/endgame.mp4" type="video/mp4" />
12          <source src="assets/endgame.ogg" type="video/ogg" />
13          <source src="assets/endgame.webm" type="video/webm" />
14          Iron Man's heroic sacrifice in Avengers: Endgame
15        </video>
16        <h1>
17          <span>Iron</span> <span>Man's</span> heroic sacrifice in <span>Avengers: Endgame</span>
18        </h1>
19      </div>
20    </body>
21  </html>
```

## TASK 4

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

Chrome



**IRON MAN'S HEROIC SACRIFICE IN AVENGERS: ENDGAME**

Brave



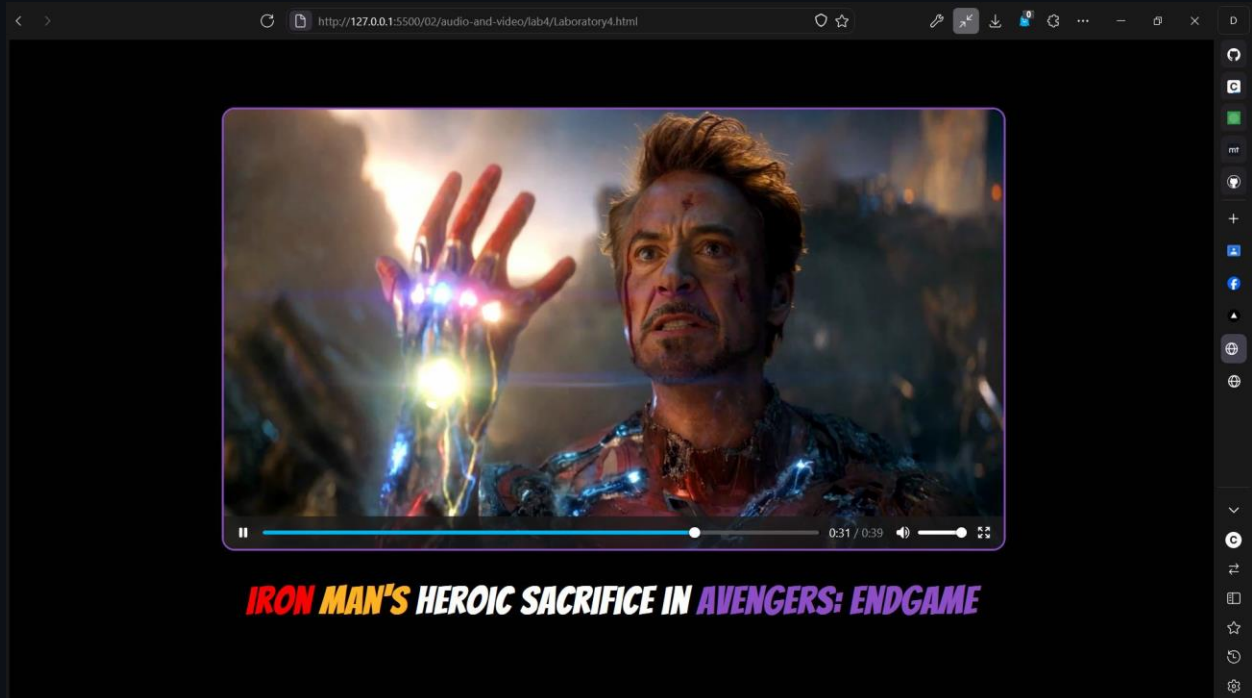
**IRON MAN'S HEROIC SACRIFICE IN AVENGERS: ENDGAME**

Edge



**IRON MAN'S HEROIC SACRIFICE IN AVENGERS: ENDGAME**

## Zen Browser (Firefox based)



## Mobile size



# TASK 5

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

```
1  @import url("https://fonts.googleapis.com/css2?family=Bangers&display=swap");
2
3  body {
4    background-color: rgb(1, 1, 1);
5    color: white;
6    display: flex;
7    align-items: center;
8    justify-content: center;
9    height: 100dvh;
10   margin: 0;
11 }
12
13 .video-container {
14   margin: 1rem;
15   max-width: 60rem;
16   text-align: center;
17   background-color: rgba(1, 1, 1, 0.7);
18   border-radius: 16px;
19   box-shadow: 0 4px 20px rgba(1, 1, 1, 0.5);
20 }
21
22 .video-container video {
23   max-width: 100%;
24   border-radius: 16px;
25   border: 3px solid #8E4EC6;
26 }
27
28 .video-container h1 {
29   font-family: "Bangers", cursive;
30   font-size: 3rem;
31   margin-bottom: 1rem;
32 }
33
34 h1 span:nth-child(1) {
35   color: red;
36 }
37
38 h1 span:nth-child(2) {
39   color: #FFB224;
40 }
41
42 h1 span:nth-child(3) {
43   color: #8E4EC6;
44 }
```



```
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     <link rel="stylesheet" type="text/css" href="styles.css" /> <!-- linked the external css -->
7     <title>Laboratory 4</title>
8   </head>
9   <body>
10    <div class="video-container">
11      <video controls loop>
12        <source src="assets/endgame.mp4" type="video/mp4" />
13        <source src="assets/endgame.ogg" type="video/ogg" />
14        <source src="assets/endgame.webm" type="video/webm" />
15        Iron Man's heroic sacrifice in Avengers: Endgame
16      </video>
17      <h1>
18        <span>Iron</span> <span>Man's</span> heroic sacrifice in <span>Avengers: Endgame</span>
19      </h1>
20    </div>
21  </body>
22 </html>
```