

# LAB: Video/ Audio

Lesson Time: 30 Minutes

In this lab , we will practice adding video and audio into your page. The elements we'll be using are `<video>`, `<audio>`, and `<iframe>`.

`<video>` does not play youtube clips. It's limited to playing clips in the .mp4, .ogg, and .webm. To get the youtube content, we will use `<iframe>` to embed the youtube page directly into our page. With `<iframe>`, our page becomes like a window with the content from the `<iframe>` page running inside of it.

We've prepared some clips for you from <https://archive.org/>, the internet's largest collection of free to-use movies, books, and audio.

Download ThePrincessBrideTrailer.mp4, AlanWattsEdited.mp3, and Lab2\_4\_video.html from the resources folder in your online course.

Look at the code sample below and use it to add the audio and video into the page. It's very important to add the **controls** attribute for your audio and video to display and work properly.

```
29 <video width="500" height="500" controls>
30 | <source src="movie.mp4" type="video/mp4">
31 </video>
32
33 <audio controls>
34 | <source src="soundclip.mp3" type="audio/mpeg">
35 </audio>
36
```

Finally, go on youtube and find a video you like. Embed the youtube video in your page using `<iframe>`. Youtube gives you this code when you click Share > Embed on the video!

Key Terms	
Lesson Files	ThePrincessBrideTrailer.mp4, AlanWattsEdited.mp3
Additional Resources	
Further Learning	

# LAB: Graphic Elements

Lesson Time: 30 Minutes

Did you know you can add your own graphics, even when you don't have source images to link with `<img>`? You can draw your own graphics right in the browser. These are called SVG graphics and use the `<svg>` element.

Study the sample code.

```
<svg width="100" height="100">
  <rect width="100" height="100" stroke="black" stroke-width="6" fill="yellow" />
</svg>
```

This code reads:

1. Create a new SVG element, 100px wide, 100px tall.
2. Inside the SVG, draw a rectangle, 100px wide by 100px tall. Set the outline (stroke) to black, 6px, and fill the shape with the color yellow.

Use the graphics reference page on W3 schools to create 3 shapes, and make them the size, color, and stroke of your choice. Upload your work to your instructor.

1. A circle
2. A rectangle
3. A rounded rectangle

Key Terms	
Lesson Files	
Additional Resources	<a href="https://www.w3schools.com/html/html5_svg.asp">https://www.w3schools.com/html/html5_svg.asp</a>
Further Learning	