**Apply Your Knowledge**

In this exercise, you specified three source files, one of which was an Ogg file. Use your browser to research free resources available to convert an audio file to the Ogg format. Summarize your findings and provide a link to at least three different resources.

The following websites provide free tools to convert an audio file to the Ogg format:

1. OnlineConvert.com: http://audio.online-convert.com/convert-to-ogg
2. Media.oi: http://media.io/
3. Vorbix.com: http://vorbis.com/software/

**Extend Your Knowledge**

In this exercise, you learned how to use multimedia software. Describe the next steps you would take to convert the video file you created to accommodate all major browsers.

I would research converter software available to convert my MP4 file to Ogg and webM file formats.

**Analyze, Correct, and Improve**

Identify the steps you would take to accommodate legacy browsers when including a Flash video on a webpage.

To include a Flash video, I would:

1. Convert the video to a Flash format (swf).
2. Use the embed tag within the video element and identify the source of the Flash video.

**Lab 1**

In this assignment, you inserted wrapped a video element within a div element. Could the video element be wrapped within an HTML5 semantic element, such as an article, aside, or a section? Why or why not?

Use of semantic elements, such as articles and sections, require a heading element. If I was going to include a heading element with my video element, then an article or section could be used. Otherwise, use of a div element is the most appropriate. An aside would not be appropriate in this case.

**Lab 2**

Research the Internet to locate free resources for audio files and provide a summary of your findings. Include at least three resource links.

The following websites provide free music for download.

1. Free Music Archive: http://freemusicarchive.org/
2. Audio Micro: http://www.audiomicro.com/
3. Ben Sound: http://www.bensound.com/

**Lab 3**

Use your browser to research how to update the Adobe Flash Player plugin for your browser. Summarize your findings.

Each browser manages the Adobe Flash player plugin separately. Google Chrome manages and updates the plugin. Other browsers may require you to download the plugin, available at https://get.adobe.com/flashplayer/.

**Your Turn 1**

Discuss the reasons you should or should not include audio on your website.

Integrating audio on my website demonstrates my skills and knowledge related to the audio element and file formats needed to accommodate all major browsers. I have provided controls so that the user can pause the music if preferred.

**Your Turn 2**

In this exercise, you integrated two video file formats, MP4 and webM. Search the Internet for an Ogg converter, create an Ogg file format, and add a it as a third source file to the video element. Identify the website source that you used to create the Ogg file.

I created my Ogg file with the online converter available at: OnlineConvert.com: http://audio.online-convert.com/convert-to-ogg

**Your Turn 3**

As a group, discuss the benefits of uploading a video file to YouTube and then linking the YouTube video to a website. List the steps you would take accomplish this task.

The benefit of uploading a video to YouTube and then linking to the video file reduces the page loading time and eliminates the need for multiple file formats.

Steps to accomplish this task:

1. Upload video to YouTube
2. Note the YouTube video link
3. Insert an iframe on the webpage, for example:  
   <iframe width="640" height="420" src="http://www.youtube.com/embed/mylinkhereautoplay=1">  
   </iframe>