



HTML Audio and Video

Exercise 1: Create a page using a video file

1. Create a webpage that contains the video file “example_MP4.mp4”. This file is available in the lab7_files folder on Moodle. Use the code shown below.

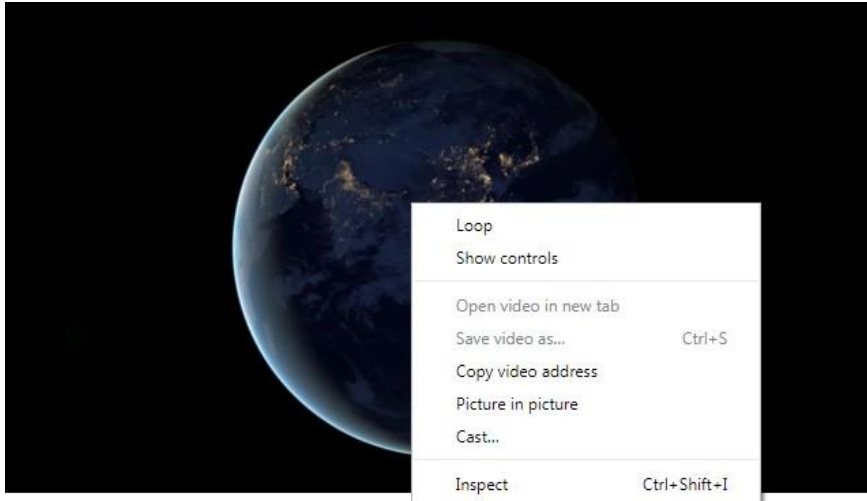
```
<!doctype html>
<html>

  <head>
    <title>Video in HTML</title>
  </head>

  <body>
    <video src="example_MP4.mp4"></video>
  </body>

</html>
```

2. Test your page to ensure that the video is displayed. You should see the video appear on the page. Right-click anywhere inside the video. You will be presented with options to show controls/play, depending on what browser you are using. Play the video to ensure that it plays without issue.



3. Scale the video so that it is 500 pixels wide. Use the **controls** attribute so that the controls are automatically shown:

```
<video src="example_MP4.mp4" width="500" controls></video>
```

4. Amend your code so that the video plays automatically when the page opens. Note that many browsers will not allow this behaviour unless the video is muted. The attribute required for this are `autoplay` and `muted`.
5. Amend your code so that there is a poster (image) displayed before the video is played. To test this properly you will need to **disable autoplay**. Download the image *world.jpg* from the lab7_files folder on Moodle and use this for the poster. The attribute and value for poster is: `poster="world.jpg"`

Exercise 2: The <source> tag with videos in HTML

1. Create a webpage that uses the <source> tag as shown below. Download the 2 sample files (otherVideo.vid and example_ogv.ogv) from the lab7_files folder on Moodle.

```
<!doctype html>
<html>

  <head>
    <title>Video in HTML</title>
  </head>

  <body>
    <video controls>
      <source src="otherVideo.vid"></source>
      <source src="example_ogv.ogv"></source>
    </video>
  </body>

</html>
```

2. The purpose of this exercise is to test that the browser will attempt each video in turn, starting with the file "otherVideo.vid". This file is not a format that the browser can play, so it should ignore this file and continue to the next file, which is "example_ogv.ogv". The browser should be able to play the ogv format. Ensure that the video plays on your browser.

Exercise 3: Create a page with an audio clip in HTML

1. Create a webpage that uses the <audio> tag as shown below. Download the file “yoda.mp3” from the lab7_files folder on Moodle to test out your page.

```
<!doctype html>
<html>

  <head>
    <title>Audio in HTML</title>
  </head>

  <body>
    <audio src="yoda.mp3" controls></audio>
  </body>

</html>
```