



HTML Essentials

Assignments

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RECORD OF CHANGES

No	Effective Date	Change Description	Reason	Reviewer	Approver
1	25/Jun/2018	Create a new Lab	Create new	DieuNT1	VinhNV
2	01/May/2019	Update Fsoft Template	Update	DieuNT1	VinhNV

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CODE:	HTML-E.M.A501
TYPE:	Medium
LOC:	N/A
DURATION:	60 MINUTES

Unit 5 – Hyperlinks

Objectives:

- ✓ Understand the syntax of HTML Multimedia
- ✓ Able to use correctly attributes

Project Structure

- Create a new folder called **HTML-E.M.A501** (this will be your top folder)
- For Problem 1, save your finished code into **problem01.html** file inside top folder
- For Problem 2, save your finished code into **problem02.html** file inside top folder
- For Problem 3, save your finished code into **problem03.html** file inside top folder

Problem 1:

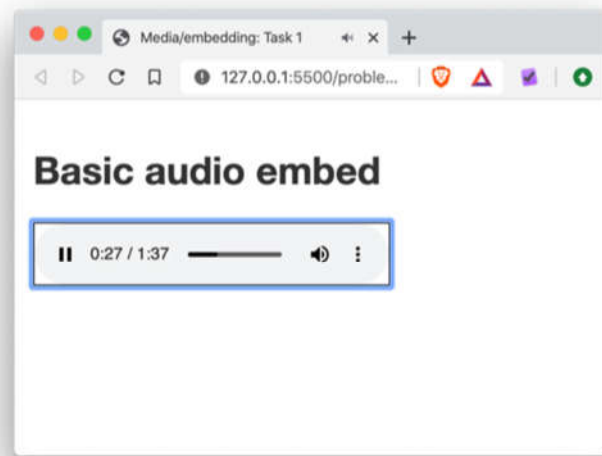
In this task we want you to embed a simple audio file onto the page. You need to:

- Add the path to the audio file to an appropriate attribute to embed it on the page. The audio is called audio.mp3, and it is in a folder inside the current folder called media.
- Add an attribute to make browsers display some default controls.
- Add some appropriate fallback text for browsers that don't support <audio>.

Try updating the code below to recreate the Expected Output:

```
1. <!DOCTYPE html>
2. <html lang="en">
3.   <head>
4.     <meta charset="utf-8" />
5.     <title>Media/embedding: Task 1</title>
6.     <style>
7.       body {
8.         background-color: #fff;
9.         color: #333;
10.        font: 1em / 1.4 Helvetica Neue, Helvetica, Arial, sans-serif;
11.        padding: 1em;
12.        margin: 0;
13.      }
14.
15.      * {
16.        box-sizing: border-box;
17.      }
18.
19.      audio {
20.        border: 1px solid black;
21.      }
22.    </style>
23.  </head>
24.
25.  <body>
26.    <h1>Basic audio embed</h1>
27.
28.    <audio></audio>
29.  </body>
30.</html>
31.
```

Expected Output:



Problem 2:

In this task we want you to mark up a slightly more complex video player, with multiple sources, subtitles, and other features besides. You need to:

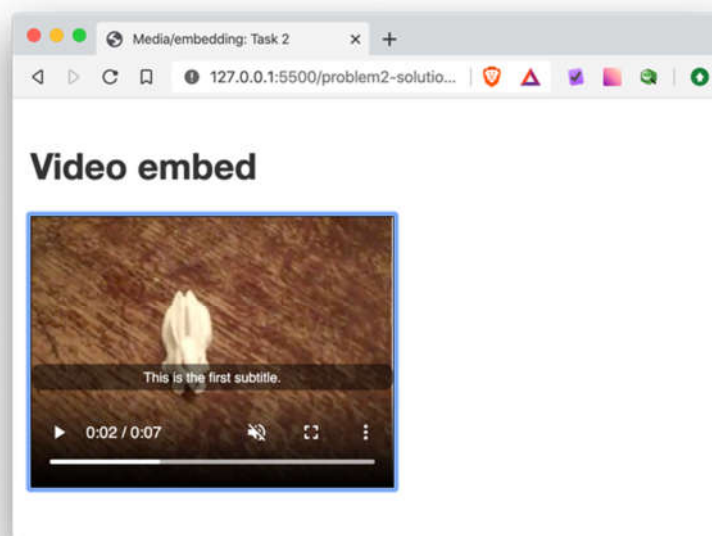
- Add an attribute to make browsers display some default controls.
- Add some appropriate fallback text for browsers that don't support `<video>`.
- Add multiple sources, containing the paths to the video files. The files are called `video.mp4` and `video.webm`, and are in a folder inside the current folder called `media`.
- Let the browser know in advance what video formats the sources point to, so it can make an informed choice of which one to download ahead of time.
- Give the `<video>` a width and height equal to its intrinsic size (320 by 240 pixels).
- Make the video muted by default.
- Display the text tracks contained in the media folder, in a file called `subtitles_en.vtt`, when the video is playing. You must explicitly set the type as subtitles, and the subtitle language to English.

Try updating the code below to recreate the expected output:

```
1. <!DOCTYPE html>
2. <html lang="en">
3.   <head>
4.     <meta charset="utf-8"/>
5.     <title>Media/embedding: Task 2</title>
6.     <style>
7.       body {
8.         background-color: #fff;
9.         color: #333;
10.        font: 1em / 1.4 Helvetica Neue, Helvetica, Arial, sans-serif;
11.        padding: 1em;
12.        margin: 0;
13.      }
14.
15.    * {
```

```
16.     box-sizing: border-box;
17.   }
18.
19.   video {
20.     border: 1px solid black;
21.   }
22. </style>
23. </head>
24.
25. <body>
26.   <h1>Video embed</h1>
27.
28.   <video>
29.   </video>
30. </body>
31.
32. </html>
```

Expected Output:



Problem 3

For this final task you have two tasks to do:

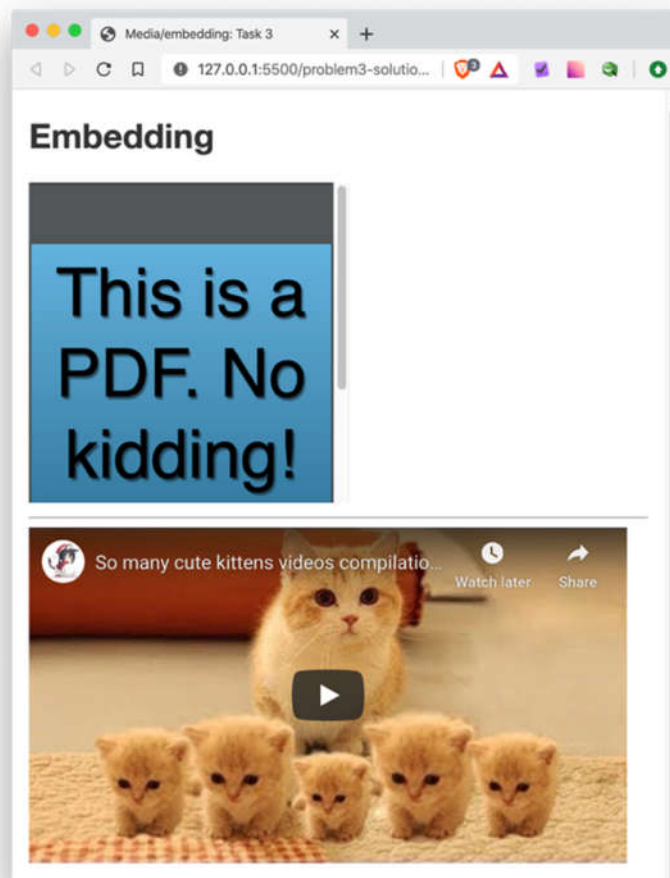
- Embed a PDF into the page. The PDF is called mypdf.pdf, and is contained in the media folder.
- Go to a sharing site like YouTube or Google Maps, and embed a video or other media item into the page.

Try updating the code below to recreate expected output:

```
1. <!DOCTYPE html>
2. <html lang="en">
3.   <head>
4.     <meta charset="utf-8"/>
5.     <title>Media/embedding: Task 3</title>
6.     <style>
7.       body {
8.         background-color: #fff;
```

```
9.      color: #333;
10.     font: 1em / 1.4 Helvetica Neue, Helvetica, Arial, sans-serif;
11.     padding: 1em;
12.     margin: 0;
13.   }
14.
15.   * {
16.     box-sizing: border-box;
17.   }
18. </style>
19. </head>
20.
21. <body>
22.   <h1>Embedding</h1>
23.
24.   <!-- PDF embed here -->
25.
26.   <hr>
27.
28.   <!-- 3rd party embed here -->
29.
30. </body>
31.
32. </html>
```

Expected Output:



-- THE END --