

Review Assignments

Data Files needed for the Review Assignments: `cp_astaire_txt.html`, `cp_animate2_txt.css`, `cp_media2_txt.css`, `cp_captions2_txt.vtt`, 2 CSS files, 3 PNG files, 1 MP3 file, 1 MP4 file, 1 OGG file, 1 WebM file

Maxine has been working on new pages at the *Cinema Penguin* website. She has returned for help on a page featuring a profile of Fred Astaire. Maxine created a sound clip from one of Astaire's songs in the *Royal Wedding* and a video clip of a dance in that movie featuring Astaire's duet with a hat rack. She wants both clips embedded on the page. In addition, Maxine wants you to try a new hover transition for the links at the top of the page. Finally, she wants you to create an animation that displays a scrolling marquee of the Fred Astaire filmography. Figure 8-59 shows a preview of the final page.

Figure 8-59

Fred Astaire biography page

Fred Astaire (1899 — 1987)

Fred Astaire was born January 10, 1899 in Astoria, Oregon. His mother's experience came to a career in dance with her sister, Adele. Because they shared the same talent and arrived at the profession in the same way and by the same time, the partnership looked up with a lot of interest in the early 1930s.

Astaire's chance to team up with Ginger Rogers started with a chance to be in *Band Wagon*. The Astaires and Rogers would be taking to the big film together, many of which were musicals. One of the films, *Astaire*, stated that all dance scenes would be filmed with a camera. This was a big step. The way was paved for a new style of the times in which dance films, such as *Band Wagon*, and *Band Wagon* were used to produce two musicals. *Band Wagon* from the dance Astaire would famously quote, "Either the camera will dance, or I will."

In the mid-1930s, the Astaire/Rogers partnership broke up and Astaire went on to make a series of classic films, including *Golden Lane* with Bing Crosby, *Band Wagon* with Betty Garland, and *Royal Wedding* with Jane Powell.

In later years, Astaire focused more on straight acting roles, but received an Academy Award nomination for his supporting actor role in *The Towering Inferno*.

Fred Astaire died on June 22, 1987, leaving behind the wonderful memories and wonderful performances of perhaps the greatest dancer of the 20th century.

Filmography
Never over the top, in the mood

Year	Movie	Role
1934	<i>Band Wagon</i>	Lead
1935	<i>The Big Broadcast</i>	Lead
1936	<i>The Big Broadcast</i>	Lead
1937	<i>The Big Broadcast</i>	Lead
1938	<i>The Big Broadcast</i>	Lead
1939	<i>The Big Broadcast</i>	Lead
1940	<i>The Big Broadcast</i>	Lead
1941	<i>The Big Broadcast</i>	Lead
1942	<i>The Big Broadcast</i>	Lead
1943	<i>The Big Broadcast</i>	Lead
1944	<i>The Big Broadcast</i>	Lead
1945	<i>The Big Broadcast</i>	Lead
1946	<i>The Big Broadcast</i>	Lead
1947	<i>The Big Broadcast</i>	Lead
1948	<i>The Big Broadcast</i>	Lead
1949	<i>The Big Broadcast</i>	Lead
1950	<i>The Big Broadcast</i>	Lead
1951	<i>The Big Broadcast</i>	Lead
1952	<i>The Big Broadcast</i>	Lead
1953	<i>The Big Broadcast</i>	Lead
1954	<i>The Big Broadcast</i>	Lead
1955	<i>The Big Broadcast</i>	Lead
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1962	<i>The Big Broadcast</i>	Lead
1963	<i>The Big Broadcast</i>	Lead
1964	<i>The Big Broadcast</i>	Lead
1965	<i>The Big Broadcast</i>	Lead
1966	<i>The Big Broadcast</i>	Lead
1967	<i>The Big Broadcast</i>	Lead
1968	<i>The Big Broadcast</i>	Lead
1969	<i>The Big Broadcast</i>	Lead
1970	<i>The Big Broadcast</i>	Lead
1971	<i>The Big Broadcast</i>	Lead
1972	<i>The Big Broadcast</i>	Lead
1973	<i>The Big Broadcast</i>	Lead
1974	<i>The Big Broadcast</i>	Lead
1975	<i>The Big Broadcast</i>	Lead
1976	<i>The Big Broadcast</i>	Lead
1977	<i>The Big Broadcast</i>	Lead
1978	<i>The Big Broadcast</i>	Lead
1979	<i>The Big Broadcast</i>	Lead
1980	<i>The Big Broadcast</i>	Lead
1981	<i>The Big Broadcast</i>	Lead
1982	<i>The Big Broadcast</i>	Lead
1983	<i>The Big Broadcast</i>	Lead
1984	<i>The Big Broadcast</i>	Lead
1985	<i>The Big Broadcast</i>	Lead
1986	<i>The Big Broadcast</i>	Lead
1987	<i>The Big Broadcast</i>	Lead

The Art of the Musical
A musical is a play with songs. The songs are usually written by a composer and the lyrics are usually written by a lyricist. The songs are usually performed by the actors in the play. The songs are usually performed in a musical style. The songs are usually performed in a musical style.

Musical Film
A musical film is a film that features songs. The songs are usually written by a composer and the lyrics are usually written by a lyricist. The songs are usually performed by the actors in the film. The songs are usually performed in a musical style. The songs are usually performed in a musical style.

Listen Up
Fred Astaire's promise as a singer is overshadowed by his graceful dancing. However, many of his contemporaries admired Astaire's lyricism and phrasing. Irving Berlin felt him to be the equal of John or Crosby. The clip below comes from the song "Flyin' High" in *Sevent* from *Royal Wedding*.

In Focus
Fred Astaire's most famous partner was Ginger Rogers, but the truth is that he could make anyone look good. The clip below is from *Royal Wedding* where his partner says, "a hat rack."

The Hat Rack Dance

0:34

0:04

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Sources: openclipart.org/wiki

Complete the following:

1. Use your HTML editor to open the `cp_astaire.txt.html`, `cp_media2.txt.css`, and `cp_animate2.txt.css` files from the `html08 ► review` folder. Enter *your name* and *the date* in the comment section of each file, and save them as `cp_astaire.html`, `cp_media2.css` and `cp_animate2.css` respectively. In addition, use your text editor to open the `cp_captions2.txt.vtt` file from the same folder and save it as `cp_captions2.vtt`.
2. Go to the `cp_astaire.html` file in your editor. Insert a link to the `cp_media2.css` and `cp_animate2.css` files. Take some time to study the contents and structure of the document.
3. Scroll down to the `aside` element titled “Listen up”. Directly after the introductory paragraph, insert an audio clip with the audio controls displayed in the browser. Add two possible source files to the audio clip: `cp_song.mp3` and `cp_song.ogg`. Identify the mime-type of each audio source. If the browser does not support HTML5 audio, display a paragraph with the message **Upgrade your browser to HTML5**.
4. Scroll down to the `aside` element titled “In Focus” and after the introductory paragraph insert a video clip with the video controls enabled and display the poster image `cp_poster.png`. Add two possible sources to the video clip: `cp_hatrack.mp4` and `cp_hatrack.webm`. Include the mime-type for each video source. If the user’s browser does not support HTML5 video, display a paragraph with the message **Upgrade your browser to HTML5**.
5. Directly after the two video sources in the `video` element you created in the last step, insert a caption track using the captions you will specify in the `cp_captions2.vtt` file in later steps. Give the caption track the label **Movie Captions** and set it as the default track for the video clip.
6. Save your changes to the file and then open the `cp_caption2.vtt` file in your text editor. Add an initial line to the text file indicating that this file is in WEBVTT format.
7. Add the following track cues to the `cp_caption2.vtt` file:
 - a. A Title cue appearing in the 0.5 seconds to 5-second interval containing the text **The Hat Rack Dance** enclosed in a class tag with the name **Title**. Set the `line` and `align` attributes for the caption to `10%` and `middle` respectively to place the caption centered and near the top of the video window.
 - b. A Subtitle cue in the 5.5 to 9-second interval with the text **from Royal Wedding (1951)**. Enclose “Royal Wedding (1951)” within `<i>` tags to italicize it. Place the caption at the 10% line and align the caption text in the middle.
 - c. A Finish cue displayed from the 1 minute 5 second mark to the 1 minute 11 second mark and containing the text **See more videos at Cinema Penguin**. Enclose “Cinema Penguin” within `<i>` tags and place the caption at the 80% line and 90% position with the caption text aligned at the end.
8. Save your changes to the file and then go to the `cp_media2.css` file in your editor. Within the Media Styles section, insert a style rule for all `audio` and `video` elements that displays them as blocks with a width of 95%. Center the `audio` and `video` elements by setting the top/bottom margins to 20 pixels and left/right margins set to `auto`.
9. Go to the Track Styles section and create a style rule for track cues that: a) sets the background color to `transparent`, b) adds a black text shadow with horizontal and vertical offsets of 1 pixel and a blur of 2 pixels, c) sets the text color to `rgb(255, 177, 66)`, and d) sets the font size to 1.2 em using the sans serif font family.
10. Create a style rule for track cues belonging to the `Title` class that sets the font size to 2em and font family to serif.

11. Save your changes to the style sheet and then open the **cp_astaire.html** file in your browser. Verify that you can play the audio and video clips and the layout matches that shown in Figure 8-59. Verify that captions are added to the video clip providing the title and subtitle of the clip at the start of the video and a message about *Cinema Penguin* at the end. (Note: If you are using Google Chrome or Opera, you will have to upload your files to a server if you want to see the captions and the styles you created for the video clip.)
 12. Maxine wants to create a transition for the links at the top of the page that enlarges the link text and moves it out and above its default position. Return to the **cp_animate2.css** file in your editor, go to the Transition Styles section and create a style rule for the **nav#topLinks** selector that:
a) sets the text color to `rgb(255, 255, 255)`, b) adds a text shadow with the color `rgba(0, 0, 0, 1)`, a horizontal offset of 1 pixel, a vertical offset of -1 pixel, and a blur of 1 pixel, and c) uses the **transform** style to apply the functions `scale(1,1)` and `translateY(0px)`.
 13. Within the style rule you created in the last step, add a transition that applies to all of the properties of the selected element over an interval of 1.2 seconds using linear timing.
 14. Create a style rule for the **nav#topLinks a:hover** selector that: a) sets the text color to `rgb(255, 183, 25)`, b) sets the text shadow to the color `rgba(0, 0, 0, 0.5)` with a horizontal offset of 0 pixels, a vertical offset of 15 pixels, and a blur of 4 pixels, and c) uses the **transform** style with `scale(2,2)` and `translateY(-15px)` to double the scale of the object and translate it -15 pixels in the vertical direction.
 15. Save your changes to the style sheet and then reload **cp_astaire.html** in your browser. Hover your mouse pointer over the links at the top of the page and verify that your browser applies a transition over a 1.2 second duration as each link increases in size and appears to move upward and outward from the page in response to the hover event.
- The list of Fred Astaire's films has been stored within a table nested within a **div** element with the ID **Marquee**. The table is long and Maxine wants to only display a portion of it at a time, allowing the contents of the table to automatically scroll upward as in a theater marquee. To create this animated effect, you change the **top** position style of the table over a specified time interval, moving the table upward through the marquee.
16. Return to the **cp_animate2.css** file in your editor and go to the Marquee Styles section and insert a style rule that places the marquee **div** element with relative positioning. Add a style rule for the table nested within the marquee **div** element that places the table using absolute positioning. Do not specify any coordinates for either element.
 17. Go to the Keyframe Styles section and create an animation named **scroll** with the following two key frames: a) at 0%, set the value of the **top** property to **250px** and b) at 100%, set the value of the **top** property to **-1300px**.
 18. Go to the Animation Styles section and apply the **scroll** animation to the table within the marquee **div** element over a duration of 50 seconds using linear timing within infinite looping.
 19. Maxine wants the marquee to stop scrolling whenever the user hovers the mouse pointer over it. Add a style rule for the **div#marquee:hover table** selector that pauses the animation during the hover event.
 20. Save your changes to the file and then reload the **cp_astaire.html** file in your browser. Verify that the marquee listing the Fred Astaire films starts scrolling automatically when the page loads, goes back to the beginning after the last film is listed, and stops whenever the user hovers the mouse pointer over the marquee. (Note: On touchscreen devices, tap the marquee to initiate the hover event and pause the scrolling text, and then tap elsewhere on the page to remove the hover and restart the marquee.)

APPLY

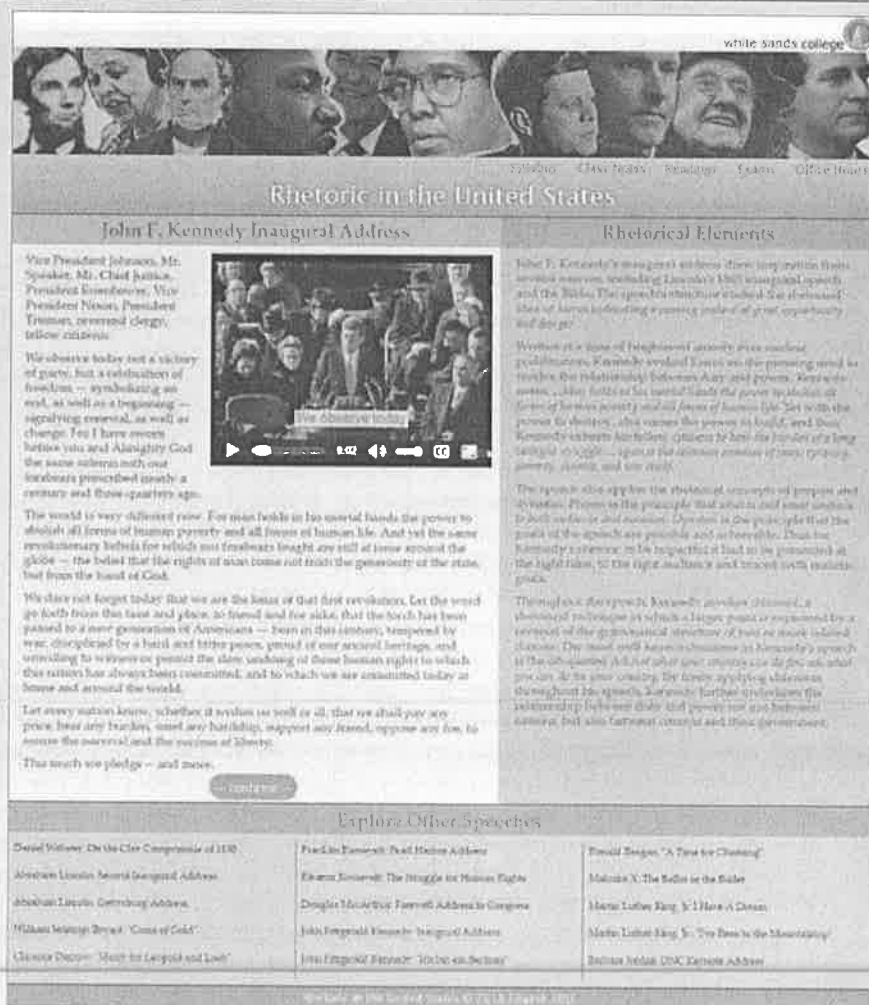
Case Problem 1

Data Files needed for this Case Problem: `ws_jfk_txt.html`, `ws_media_txt.css`, `ws_captions_txt.vtt`, 2 CSS files, 1 MP4 file, 4 PNG files, 1 WebM file

Rhetoric in the United States Professor Annie Cho teaches rhetoric and history at White Sands College. She has asked for your help in designing a companion website for her course. The page you will work on contains portions of the inaugural address delivered by President John F. Kennedy in 1961. She has obtained a video excerpt of the speech that she wants you to augment with captions. A preview of the page you will create is shown in Figure 8-60.

Figure 8-60

Rhetoric in the United States page



Source: wiki

Complete the following:

1. Using your editor, open the **ws_jfk_txt.html**, **ws_media_txt.css**, and **ws_captions_txt.vtt** files from the **html08 ► case1** folder. Enter *your name* and *the date* in the comment section of each file, and save them as **ws_jfk.html**, **ws_media.css**, and **ws_captions.vtt** files respectively.
2. Go to the **ws_jfk.html** file in your editor. Insert a link to the **ws_media.css** style sheet file. Take some time to study the content and structure of the document.
3. Scroll down to the **article** element and directly below the **h1** heading, insert a video clip with the controls enabled, displaying the poster image **ws_jfk_poster.png** file. Add two possible sources to the video clip: **ws_jfk_speech.mp4** and **ws_jfk_speech.webm**, including the mime-type for each video source.
4. After the two video sources, add a captions track with the label **Speech Captions** using the source file **ws_captions.vtt**. If the browser does not support embedded video, display the paragraph: **To play this video clip, your browser needs to support HTML5.**
5. Save your changes to the file and then open the **ws_captions.vtt** file in your text editor. Add an initial line to the text file indicating that this file is in WEBVTT format.
6. Add the following track cues to the **ws_captions.vtt** file, labeling the captions 1 through 12 (times are in parenthesis):
(00:01.00 - 00:004.000) We observe today
(00:04.000 - 00:06.000) not a victory of party,
(00:06.000 - 00:10.000) but a celebration of freedom –
(00:10.000 - 00:12.000) symbolizing an end,
(00:12.000 - 00:15.000) as well as a beginning –
(00:15.000 - 00:17.000) signifying renewal,
(00:17.000 - 00:19.000) as well as change.
(00:19.000 - 00:22.000) For I have sworn before you
(00:22.000 - 00:24.000) and Almighty God
(00:24.000 - 00:27.000) the same solemn oath
(00:27.000 - 00:30.000) our forebears prescribed
(00:30.000 - 00:33.000) nearly a century and three-quarters ago.
7. Save your changes to the file and then go to the **ws_media.css** file in your editor. Within the Video Player Styles section, insert a style rule that displays **video** elements as blocks with a width of 90% and horizontally centered by setting the top/bottom margins to 5 pixels and the left/right margins to auto.
8. Create a media query for screen devices with a minimum width of 521 pixels. (See Tutorial 5 to review media queries.) Within the media query, create a style for **video** elements that sets the width of the player to 360 pixels, floated on the right margin with a margin width of 10 pixels.
9. Within the Track Styles section, create a style rule for caption cues that displays the text in a 1.3em sans-serif font with a text color of **rgb(221, 128, 160)**, and a background color of **rgba(255, 255, 255, 0.8)**.
10. Save your changes to the file and then load the **ws_jfk.html** file in your browser.
11. Test the page by playing the video clip of Kennedy's speech. Verify that captions are added to the speech, matching the words uttered by the president. (Notes: If you are using Google Chrome or Opera, you will have to upload your files to a server if you wish to see the caption styles you created for the video clip. If your captions appear white on a gray background, move the mouse pointer away from the video player so that the video slider is not showing.)

