

Topic 6 Practical Lab Practical Option 3 – Creating a Multimedia Web Page – American Poetry 121 (15 Marks)

Objective

To apply your knowledge of multimedia to create a poetry page with audio samples from an American poet.

Data Files needed for this Case Problem

The [downloadable archive file](#) contain the following required data files:

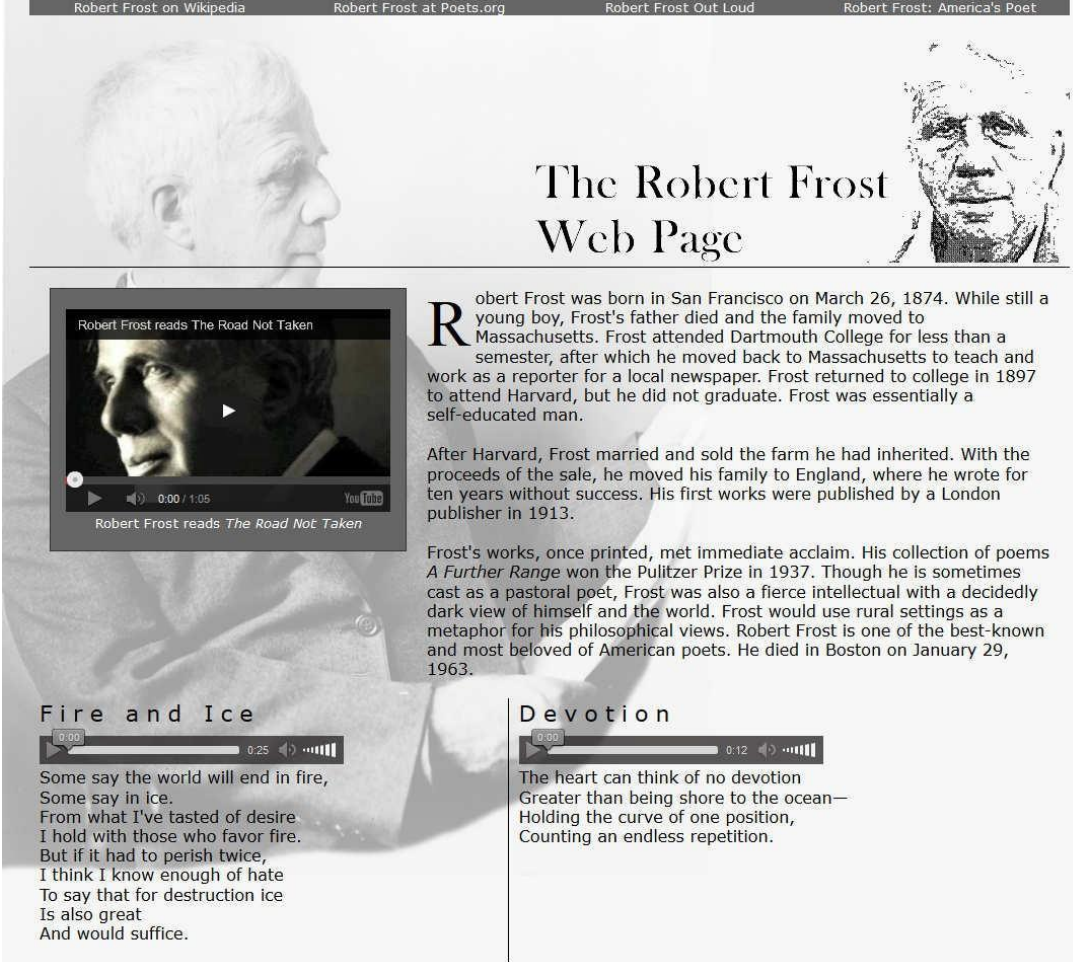
devotion.mp3, devotion.ogg, devotion.swf, fireice.mp3, fireice.ogg, fireice.swf, modernizr-1.5.js, poetry.css, rfbac.png, rflogo.gif, rftxt.htm.

Also available on Stream.

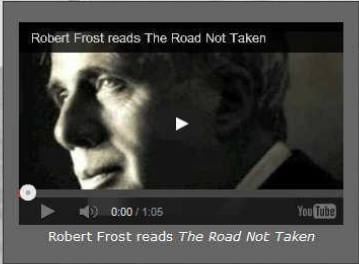
Case Scenario: American Poetry 121

Professor Debra Li of the English Department at Massey University has asked you to help her create a Web page devoted to the works of the poet Robert Frost for her American Poetry 121 class. With your help, she has created a Web page that contains a short biography of the poet and the complete text of two of his works. Professor Li would like to add sound clips of the two poems to the page so that her students can listen to Frost's poetry as well as read it. She also wants to add an embedded YouTube video clip. Figure 1 shows a preview of the page you'll create for her.

[Robert Frost on Wikipedia](#)
[Robert Frost at Poets.org](#)
[Robert Frost Out Loud](#)
[Robert Frost: America's Poet](#)



The Robert Frost Web Page



Robert Frost was born in San Francisco on March 26, 1874. While still a young boy, Frost's father died and the family moved to Massachusetts. Frost attended Dartmouth College for less than a semester, after which he moved back to Massachusetts to teach and work as a reporter for a local newspaper. Frost returned to college in 1897 to attend Harvard, but he did not graduate. Frost was essentially a self-educated man.

After Harvard, Frost married and sold the farm he had inherited. With the proceeds of the sale, he moved his family to England, where he wrote for ten years without success. His first works were published by a London publisher in 1913.

Frost's works, once printed, met immediate acclaim. His collection of poems *A Further Range* won the Pulitzer Prize in 1937. Though he is sometimes cast as a pastoral poet, Frost was also a fierce intellectual with a decidedly dark view of himself and the world. Frost would use rural settings as a metaphor for his philosophical views. Robert Frost is one of the best-known and most beloved of American poets. He died in Boston on January 29, 1963.

Fire and Ice

Some say the world will end in fire,
Some say in ice.
From what I've tasted of desire
I hold with those who favor fire.
But if it had to perish twice,
I think I know enough of hate
To say that for destruction ice
Is also great
And would suffice.

Devotion

The heart can think of no devotion
Greater than being shore to the ocean—
Holding the curve of one position,
Counting an endless repetition.

Figure 1: The Robert Web Page

Tasks to be done

Complete the following:

1. Use your text editor to open the rftxt.htm file from your Data Files. Enter *your name* and *the date* in the comment section of the file. Save the file as rf.htm in the same folder.
2. Scroll down to the figure element directly after the page header.
 - a) Within the figure element, create an object element linking to the YouTube video at <https://youtu.be/ie2Mspukx14> and add parameters to the URL to disable the ability of users to display the video in full-screen mode.
 - b) Set the width and height of the object to 320 pixels by 200 pixels.
 - c) Within the object element, nest an embed element linking to the same YouTube video with the same parameters.
3. Scroll down to the first poem section. Directly below the Fire and Ice h2 heading, insert an audio element with *fireice.mp3* and *fireice.ogg* as the source files. Display the audio controls.
4. Within the audio element, nest an object element for the *fireice.swf* Flash player. Set the width and height to 345 pixels by 21 pixels.
5. Within the object element, nest an embed element for the *fireice.swf* file, setting the dimensions again to 345 pixels wide by 21 pixels high.
6. Go to the next poem section. Directly below the Devotion h2 heading, insert nested audio, object, and embed elements (as you did for Steps 3 through 5) for the *devotion.mp3*, *devotion.ogg*, and *devotion.swf* files. *Save all the files*
7. Open the rf.htm file in your Web browser. Verify that you can play the YouTube video only within the YouTube player, and that the ability to play the clip in full-screen mode has been disabled.
8. Verify that you can play the two poetry audio clips in an HTML5-enabled browser.
9. Submit your completed files to Stream and publish your pages on SEAT-WEBDEV.

Marking Schedule	
Component	Total Marks
Tasks 1 and 2 (a-c)	4
Task 3	1
Task 4	2
Task 5	2
Task 6	2
Task 7 and 8	2
Task 9	2