Assignment #4

Download the template web page from:
http://gdancik.github.io/CSC-215/data/hw/popup.zip

Note that this is a zip file and the files need to be extracted. Modify the web page as follows (also see example on next page):

1. Select any 3 pictures you want (make it fun!) and insert the images by modifying the HTML code. The width of each picture should be 260px and the height should be 195px. Note that the above image sizes are selected so that the pop-up effect will be properly positioned. However, your images may be distorted slightly because they will expand or shrink to fill the specified size. You are welcome to use different sizes as long as the pop-up effect is working.

2. Change the content of each <span> tag to describe each image

3. Add an embedded style sheet that does the following:
    a. In the image, add 5px between the image itself and its border (Hint: you need to set the *padding* attribute)

    b. Specify that the background of the image is *navy* when a user hovers over the image

    c. Change the default span *display* to *none*.

    d. To add the popup effect, add a line to the embedded style sheet similar to div#*id* td:hover span {style}, where *id* should be replaced with the name of the *id* associated with the *div* tag that contains your images. This specifies that when the mouse hovers over a *td* element within this specific *div* container, the span style will change. Change the span style so that the display is a block, the position is absolute and 370px from the top and 335px from the left, the width is 180px, and the background color is *navy*, and the text color is *white*, and the text is aligned to the center.

4. When you are finished, show your instructor your Web page to receive credit for this assignment.

Pictures of Dr. Dancik

Hover over a photo to read about the picture.

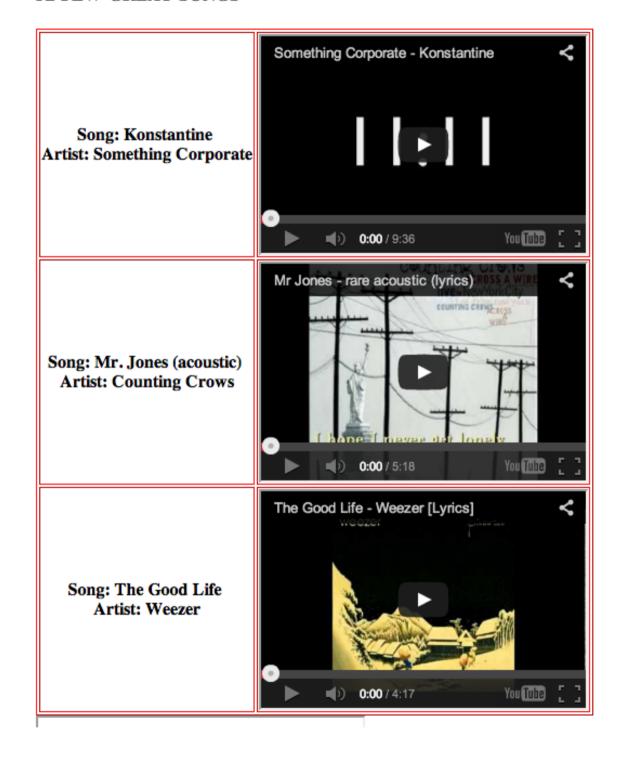In Washington, DC, April 2013

Assignment #5

An iframe allows you to display one web page inside of another. However, note that some websites (e.g., Google, Facebook) do not allow you to display their pages inside of yours. Complete iFrame tutorial (https://www.w3schools.com/html/html_iframe.asp). Using an *iframe* is also how we can embed a You Tube video in our own website. (Note that not all videos allow for playback when embedded on other sites). From under any YouTube video, click the *Share* and *Embed* options to retrieve the html code to embed the selected video. Complete the assignment below (see next page for an example).

1. Create a webpage that contains a table with 3 rows and 2 columns. Set *border* = 1 so that a border will be displayed. Also use an inline style or embedded style sheet to change the *border-color* to red.
2. For each row of the table, the first column of your table will contain a description of the corresponding video that appears in the second column. Use a *<th>* tag for elements in the first column so that the descriptions are centered and in bold. Use the *<iframe>* tag to embed the videos in the 2nd column, using a width of 300 and a height of 200.
3. Set one of the videos to autoplay (automatically start), by adding the following to the end of the URL: "?autoplay=1"

   Note: *iframes* are used to embed videos from You Tube. However, if you were hosting your own video, you would use the *<video>* tag instead. For more information see https://www.w3schools.com/tags/tag_video.asp

A FEW GREAT SONGS

Song: Konstantine **Artist: Something Corporate**	Something Corporate - Konstantine ▶ 0:00 / 9:36 YouTube
Song: Mr. Jones (acoustic) **Artist: Counting Crows**	Mr Jones - rare acoustic (lyrics) ▶ 0:00 / 5:18 YouTube
Song: The Good Life **Artist: Weezer**	The Good Life - Weezer [Lyrics] ▶ 0:00 / 4:17 YouTube

Assignment #6

Complete all sections of the HTML forms tutorial, beginning with
https://www.w3schools.com/html/html_forms.asp

Then create a webpage with the HTML form below, using the template available at
http://gdancik.github.io/CSC-215/data/hw/form.html

Note that this template includes the embedded style sheet, as well as *javascript* code
which is called when the user submits the form, which "processes" the user's information.
We will talk about *javascript* in more detail next class. Here, the "processing" simply
demonstrates how some of the information from the form can be extracted, though no
real account is created.

Your form must meet the following specifications:

- The form includes a single *fieldset* element, with a *legend* element of "Create an
  account", using the *h2* tag.
- The names of the text boxes are *user* and *password*; the name of the select box
  is *gender* and has three values: *Unspecified, male, and female*
- The 2nd text box is for password inputs, where any values entered by the user are
  masked.
- The "Enter user name" and "Enter password" values are specified using the
  placeholder attribute.
- The asterisk (*) after Username and Password is included within a *span* element
  where the class is "required"
- The buttons are of type *submit* and *reset*

When you are finished, show your instructor your Web page to receive credit for this
assignment.