CSC 170 Lab11: JavaScript Plugin - Fancybox

Download and Distribute the Starter files

- ❑ From the Lab11 assignment in Blackboard, download the file: **lab11 starter-files.zip** and extract the folder named **Lab11** to your desktop or thumb drive.
- ❑ Also download the file **fancybox.zip** and expand it as well.

- ❑ Add the **fancybox.css** file to the **css** folder
- ❑ Add the two **.gif** files and the three **.png** files to the **css** folder (*not* the images folder!)
- ❑ Add the **fancybox.js** file to the **js** folder
- ❑ Add your 10 **.jpg** files (from Step 1) to the **images** folder. (Note: there should be a total of 13 **.jpg** files in that folder.)

Stitch-in jQuery and the Plugin

Edit the **index.html** file…

a) Add the jQuery CDN

- ❑ At the bottom of the HTML, just above the closing </body> tag, add a link to jQuery using the **<script>** element. (You can use this CDN: **http://code.jquery.com/jquery.js**)

b) Add the jQuery plugin: fancybox

- ❑ Just below the link to jQuery (above the closing </body> tag), add a link to the **fancybox.js** file in the **js** folder using the **<script>** element.

c) Add the CSS that comes with fancybox

- ❑ In the <head>, just below the existing <link> element to the CSS file, add another <link> to the **fancybox.css** file in the **css** folder like this:
  ```
  <link rel="stylesheet" href="css/fancybox.css">
  ```

d) Initialize the plugin

- ❑ At the bottom of the HTML, below the two <script> elements that connect the two library files, and another <script> element where you'll enter some embedded JavaScript to initialize the plugin like this:
  ```
  <script>
  $('.fancybox').fancybox();
  </script>
  ```

e) Setup the HTML content

Edit the **index.html** file to apply the fancybox feature to the existing *bear* image.

- ❑ In the <article> element, find the existing <img> element. In the anchor tag (the <a…>) that wraps it, add the **class="fancybox"** to it. (Add the class to the anchor, *not* the image element.)

- ❑ Also add to that anchor tag (the <a…>) a title attribute that says something like:
  title="Bears will kill you" …or whatever.

In the <aside> between the existing H2 and paragraph…

- ❑ Within each of the five **anchor tags**, add the **class="fancybox"** to each.[1]

- ❑ Within *each* of the five anchor tags, also add a **rel** attribute like this…
  rel="popup"

- ❑ Within each of the five anchor tags, also add a title attribute like this…
  title="Some words that you want to appear with your image"

Part 4: Check and Upload your Work

- ❑ Validate the HTML file (**http://validator.w3.org/**)

NOTE: the W3C validator will highlight FIVE errors - something about *bad value popup for attribute rel.* Those errors are not your fault. They are caused by the author of the plugin. (Bad coding practices!) You do not have to fix those errors.

When you are done with your webpage, close everything and use an FTP tool (like *WinSCP*) to access your account on **urcsc170.org** and upload your files:

- ❑ In a web browser (any), go to this address to check your handiwork:
  www.urcsc170.org/*accountname*/lab11/index.html
  (where "*accountname*" is your account name)

Part 5: Report your work

- • In our Blackboard section, in Lab11, post a link to your webpage to receive credit for this Lab.

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[1] On the anchor tags – *NOT* the img tags