CSC 170 Lab 12: JavaScript Plugin

Due: Tuesday, November 22, 2016

Download and Distribute the Starter files

❑ From the Lab 12 assignment in Blackboard, download the file: **starter-files.zip** and extract the folder named **Lab 12** 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

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, add another <link> element to attach the **fancybox.css** file in the **css** folder

d) *Initialize the plugin*

❑ At the bottom of the HTML, below the two <script> elements that connect the two JavaScript 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**. But if there are any other errors, those are your mistakes – you have to fix them.

When you are done with your webpage, close everything and use an FTP tool (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*/lab12/index.html
(where "*accountname*" is your account name)

Part 5: Report your work

• In our Blackboard section, in Lab 12, 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