Lab 4 - Dom Tree Navigation

Helpful links:

http://www.w3schools.com/jsref/dom\_obj\_event.asp

http://www.w3schools.com/jsref/dom\_obj\_all.asp

http://www.tjhsst.edu/~tmrudwick/DomExample.html

<http://www.tjhsst.edu/~pckosek/WebApps.html>

<http://www.tjhsst.edu/~pckosek/Formatting.html>

<https://en.wikipedia.org/wiki/Tree_traversal#Depth-first_search>

<https://en.wikipedia.org/wiki/Depth-first_search>

The goal of this lab is to navigate the DOM tree by clicking on elements.  When an element is clicked on, you should go to the next actual element in the DOM Tree, using a depth first search. The navigation route should skip over scripts, not get caught in infinite loops (have a single, repeatable path through the tree) and return to the first clickable (not <head>)  element.

When you click on an element, you should highlight the next element with a css fade (I suggest opacity changes) - and display the next element to the console.

You must create the formatting for the page.  Expand upon the above examples as css stubs if you wish, but the page must include:

* + all elements with borders
  + several nested children
  + several siblings
  + at least one of each of the following:
* div, p, ul, li, span, script