**View Page Source Scavenger Hunt (Student Version)**

# Corresponding Material

Intro to Cybersecurity: Software Security Tools

# Discussion

This activity will allow you to explore your favorite website as part of a scavenger hunt. You will select a school appropriate site and find out everything you can in the view page source area. If your site has all of the code minified (meaning all the spaces have been removed and you cannot read it), move on to a different site. Be ready to take screenshots and / or write about what you see in the source code.

# Class Exercise

Using ***view page source***, find the following on your favorite web site or app, if possible. Paste in screenshots or the actual code, then write about what you find.

1. Find an image element.
   1. How can you tell that it’s an image element?
   2. What file type is the image (png, jpg, gif, other?)?
   3. Are you able to click through and see the actual image in your browser?
   4. What is the folder or file path where the image is housed on the website?
2. Find a section that shows some navigation on the site.
   1. How can you tell that it’s a block of HTML navigation code?
   2. Are you able to click through and navigate to any of the links within the navigation in your browser?
   3. What HTML tag tells us that something is a link on the page?
   4. Are the links secure (do you see HTTP or HTTPS)? Why or why not?
3. Find a CSS stylesheet on the page.
   1. What are the element tags for a CSS stylesheet?
   2. If possible, click through and look at the style sheet itself? What kinds of items on the site are being changed with the style sheet? Fonts, layouts, images?
4. Find some JavaScript on the page.
   1. Can you find JavaScript that’s in a **<script>** element? If so paste the code here. Can you tell some of the things that are happening in the code? If so, what?
   2. Can you find JavaScript that’s on its own on the page and not part of a **<script>** element? Can you tell some of the things that are happening in the code? If so, what?
5. What else do you see or did you find?