I would like you to review the following two websites.

[HTML Forms](https://na01.safelinks.protection.outlook.com/?url=http%3a%2f%2ft.sidekickopen65.com%2fe1t%2fc%2f5%2ff18dQhb0S7lC8dDMPbW2n0x6l2B9nMJN7t5XYgdF03-VRzRv43QYYnHF3B6ZzMRmxLf7sNCSb03%3ft%3dhttp%253A%252F%252Fclasses.engineering.wustl.edu%252Fcse330%252Findex.php%252FHTML_Forms%26si%3d6065389797900288%26pi%3dcd1964cb-b049-49f8-8958-ee593f2b457f&data=01%7c01%7cdtinsley2%40student.gsu.edu%7cf17a28bacdb741cc393008d3d84e947b%7c704d822c358a47849a1649e20b75f941%7c0&sdata=0RzUStITuKvOaLThWxU8U6CCxLschWlsQsV1RWTlKUM%3d)

[HTML and CSS](https://na01.safelinks.protection.outlook.com/?url=http%3a%2f%2ft.sidekickopen65.com%2fe1t%2fc%2f5%2ff18dQhb0S7lC8dDMPbW2n0x6l2B9nMJN7t5XYgdF03-VRzRv43QYYnHF3B6ZzMRmxLf7sNCSb03%3ft%3dhttp%253A%252F%252Fclasses.engineering.wustl.edu%252Fcse330%252Findex.php%252FHTML_and_CSS%26si%3d6065389797900288%26pi%3dcd1964cb-b049-49f8-8958-ee593f2b457f&data=01%7c01%7cdtinsley2%40student.gsu.edu%7cf17a28bacdb741cc393008d3d84e947b%7c704d822c358a47849a1649e20b75f941%7c0&sdata=K5M36zI02wWbb6g0rATwppePMIF3fx8APF985tWiajg%3d)

Also I would like to assign the following homework assignment (I suggest you do it early):

**HOMEWORK:**

**Write a Birthday Card**

**Write a birthday card to a friend or family member using HTML and CSS.** Use HTML to define the content of the card (like the headings and the paragraphs), and use CSS to define the appearance. Some ideas:

* Make the background-color of the page baby blue and use purple ink to write a card to a little boy
* Make the text big and include pictures of hearts
* Use a font with text shadows (more advanced)

Use this opportunity to experiment with the plethora of CSS properties. Remember that you're in a computer science class (not an art class), so we don't care if your card looks ugly. The main thing is that you learn HTML and CSS and use them appropriately.

**Validation**

**Your birthday card must pass the W3C Validator with no errors.** From [the validator](https://na01.safelinks.protection.outlook.com/?url=http%3a%2f%2ft.sidekickopen65.com%2fe1t%2fc%2f5%2ff18dQhb0S7lC8dDMPbW2n0x6l2B9nMJN7t5XYgdF03-VRzRv43QYYnHF3B6ZzMRmxLf7sNCSb03%3ft%3dhttp%253A%252F%252Fvalidator.w3.org%252F%26si%3d6065389797900288%26pi%3dcd1964cb-b049-49f8-8958-ee593f2b457f&data=01%7c01%7cdtinsley2%40student.gsu.edu%7cf17a28bacdb741cc393008d3d84e947b%7c704d822c358a47849a1649e20b75f941%7c0&sdata=VqdJdWT48AdzE9%2fMHTkCkjGtyCyk3yJvLcF8OidjgBg%3d), you can choose to upload your file.

For more information on validation, see the HTML and CSS guide: [HTML and CSS#Validation](https://na01.safelinks.protection.outlook.com/?url=http%3a%2f%2ft.sidekickopen65.com%2fe1t%2fc%2f5%2ff18dQhb0S7lC8dDMPbW2n0x6l2B9nMJN7t5XYgdF03-VRzRv43QYYnHF3B6ZzMRmxLf7sNCSb03%3ft%3dhttp%253A%252F%252Fclasses.engineering.wustl.edu%252Fcse330%252Findex.php%252FHTML_and_CSS%2523Validation%26si%3d6065389797900288%26pi%3dcd1964cb-b049-49f8-8958-ee593f2b457f&data=01%7c01%7cdtinsley2%40student.gsu.edu%7cf17a28bacdb741cc393008d3d84e947b%7c704d822c358a47849a1649e20b75f941%7c0&sdata=EcCXfF%2f3pamz6M%2fug6murj6PGHi4jbkrGryXLfMjPYg%3d)

**Make a Portal to a DuckDuckGo Search**

**Write an HTML document containing a form that searches DuckDuckGo's web site.** You should be able to type in a search term and have your form load the DuckDuckGo search page.

1. Visit [www.duckduckgo.com](https://na01.safelinks.protection.outlook.com/?url=https%3a%2f%2fwww.duckduckgo.com%2f&data=01%7c01%7cdtinsley2%40student.gsu.edu%7cf17a28bacdb741cc393008d3d84e947b%7c704d822c358a47849a1649e20b75f941%7c0&sdata=1h64SG6i1hkx1oCptOI8vTWOb95n2JPIimpXRecFUIM%3d). Search for something easy to spot in the URL, like "QUERY".
2. Look at the URL of the search page. What is the script URL? What is the query variable?
3. Make an HTML document containing a text field and a submit button. Typing a search query into the text field and pressing the submit button should load the DuckDuckGo search page.

Grading

We will be grading the following aspects of your work. There are 50 points total.

1. **Birthday Card (30 Points):**
   * Correct usage of HTML and CSS in your birthday card (10 points).

*Make sure that you use HTML for "content" and CSS for "appearance." Don't write inline styles: use a stylesheet.*

* + Experimenting with at least 5 different CSS properties in your birthday card (10 points).
  + Birthday card passes the W3C validation for the declared DOCTYPE (e.g., HTML 5) (10 points).

1. **Search Portal (20 Points):**
   * DuckDuckGo search portal is functional (20 points).