

## Assignment: Intro to CSS

**Purpose:** The purpose of this lab is to study, understand, and use css designs to create a well designed website.

**Skill:** Learn to use css design to create a website. Understand how to design specific html elements by using various hierarchical and specificity rules.

### Assignment Description:

- You can use the html pages that you have used in your first assignment and apply the following css design on those pages.
  - This lab is an individual submission. Every submissions for this assignment must be unique.
1. Create a separate css file (with .css extension) and add all your design in that file (unless otherwise instructed).
  2. Modify the anchors so that their color/font would change at mouse hover, click, or when they are visited.
  3. Create css design to change the look of the nav bar. Make every other links in the nav bar to have separate background color.
  4. Change the first letter of the first paragraph (by using class selector) of a div element (make the letter bigger and of a different color). Also, modify the first line of the paragraph to be italic.
  5. Add a couple of links to pdf files, and document files (with .docx extension). By using attribute selectors, add respective icons to the <a> element whose href attribute ends with the text ".pdf" and "\*.docx". (you can use any image type, including png).
  6. Create and demonstrate the following css contextual selectors in your website design (a) child selector (b) adjacent sibling selector.
  7. Design block elements to display some paragraphs. Use background image, rounded design, overflow:scroll, padding, and margin. In addition, use an image to create the border.

You need to submit the a pdf document that will have the following sections

- Create a title page
- Create sections and describe (with screenshots) how you have completed the requirements of the above (2 to 7).

When you are satisfied with your html, css designs and the the report you can submit them on the Brightspace course website. The deadline to submit the lab would be Friday, 10/03/2025 @11:59pm. Thanks.

Criterion	Details	Deductions
File Requirement	css file with all the required designs	<p>-3 not using external css file</p> <p>-2x: missing each design requirement (2-7)</p> <p>-2x: missing report with the required explanation/demonstration of each design requirements</p>
HTML submission requirement		<p>-5: inline design is used in the html pages</p> <p>-5: block element (box design) were not used in the html page design</p>

Lab problem description has been created by Dr Kafi Rahman. If you have any corrections, please contact the author by email. His email address is: [kafi@truman.edu](mailto:kafi@truman.edu)