

CSI 3140 - Summer 2025

LAB 2: More Practice on CSS

Due Date: Monday Jun 2nd at 11:59PM EST

Compress all your files and upload the Zip file to the Brightspace. Please name the file using the following format: CSI3140 Lab <lab number> <student id 1> <student id 2>.zip

Instructions:

This lab builds upon the foundational HTML structure created in Lab 1 by adding the following stylistic enhancements using CSS.

Page Header

- Set the position of the **header**> element to *relative*.
- Apply a linear or radial gradient *background* to the header and include appropriate *padding* for spacing.
- Set the text color to white.
- Center your name within the header and display it using a font size of **2em** and a text-shadow effect for emphasis.
- Position your email address directly below your name, centered, with a font size of **1em**.
- Add navigation links below the email. These should:
 - o Be centered
 - Have an initial text color of #cce6ff
 - o Include a transition effect of **0** . **3** seconds to change the color to *white* and underline the text when hovered
- Add a **12px** dark *red* border to the uOttawa logo image and align it to the left side of the header.
- Add a profile image that is absolutely positioned so it overlays the top-right corner of the header. Ensure its padding matches the spacing between the uOttawa logo and the header's edge.
- Apply rounded corners to the header using border-radius.
- Add a soft shadow to the entire header using the property:
 box-shadow: 0 2px 6px rgba(0, 0, 0, 0.3);

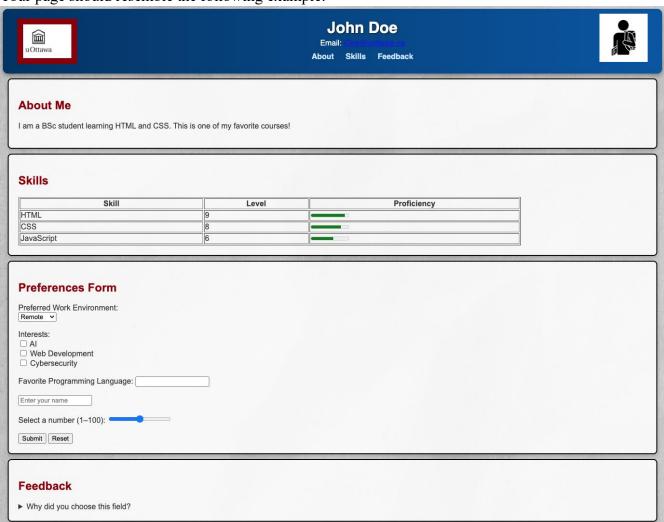
Body Section

- Set a background image for the body using a **url()** in CSS.
- Use at least two different fonts in the body for variety and visual interest.
- Set the text color across the body to #333.



- Use the CSS box model to structure each section. Apply the following styles:
 - Black rounded borders
 - Semi-transparent white background (e.g., rgba (255, 255, 255, 0.8)) for contrast
 - Box shadow with the following value:
 box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
 - o Set the color of all headings (e.g., <h1>, <h2>) to dark red.
- Replace the radio buttons under "Preferred Work Environment" with a **select** dropdown menu containing at least three **option** values.
- Set the width of the table to 80% of its container and height to auto.

Your page should resemble the following example:





Lab 1 Recap:

In Lab 1, you created a single-page personal profile that should include the following HTML elements.

1. Page Header:

- o Include the logo of uOttawa using the and <a> tags. When the logo is clicked, it should redirect the user to the uOttawa homepage: https://www.uottawa.ca/en.
- o Add a heading <h1> with your name.
- o Insert a **profile image** using the tag. You can use a placeholder image.
- o Provide your email address, which is clickable.

2. Navigation Section:

o Create **internal links** (anchors) at the top of the page to scroll to these sections: About, Skills, and Feedback.

3. About Section:

- o Add a short paragraph about yourself.
- o Highlight one sentence using the <mark> element.

4. Skills Section:

- o Create a with at least 3 rows and 3 columns.
- Each row should include: Skill name, Proficiency level (1–10), and a <meter> element showing skill rating.
- o Use semantic elements (<section> or <article> as appropriate).

5. Preferences Form:

- o Use a <form> with autocomplete="on".
- o Add:
 - A radio button group asking about your preferred work environment: Remote / Hybrid / In-person.
 - At least **3 checkboxes** asking what interests you (e.g., AI, Web Development, Cybersecurity).
 - A datalist input for favorite programming language (at least 5 suggestions).
 - A text input with placeholder and autocomplete.

6. Feedback Section:

- o Use a <details> and <summary> to show a hidden paragraph titled "Why did you choose this field?"
- o Include a short explanation inside the details tag.

7. Internal Linking:

o Use id attributes and to enable the navigation at the top of the page.