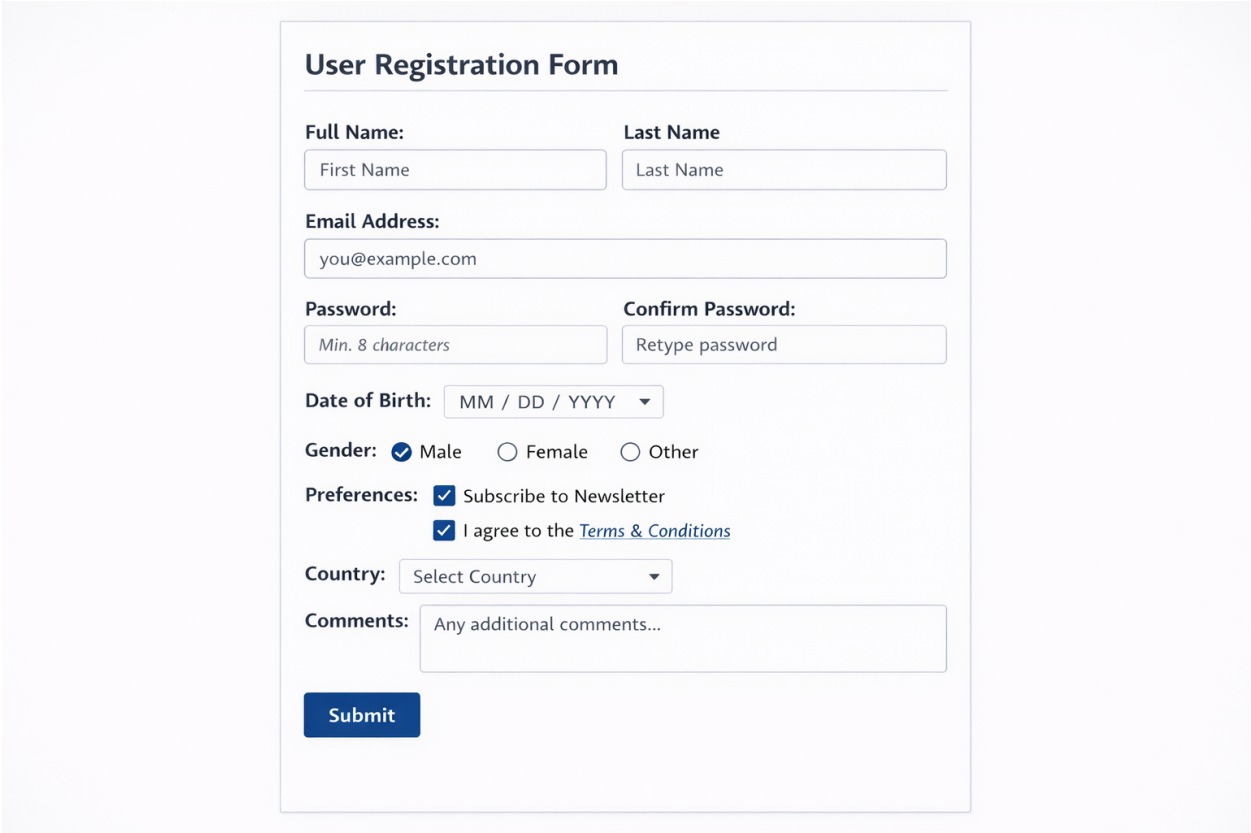
COMP 1002 - Winter 2026

Lab One – Building a Valid, Accessible & User Friendly HTML Form

For this lab, you will design and build an accessible HTML web form using semantic HTML5 and native form validation. This lab focuses on applying best practices for structure, usability, accessibility, and user experience when working with web forms.

To Complete This Lab:

1.) Review the MDN Web Docs – Web forms reference and related documentation. You may also find it useful to use MDN Forms reference as you complete this lab.



2.) Using HTML only, create a web form that captures the information shown in the provided form mockup image:

3.) Your form must include:

- multiple input types (text, email, password, date, radio buttons, checkboxes, select dropdown, textarea)
- grouped form controls using semantic elements
- clear and properly associated labels
- HTML5 validation attributes where appropriate

4.) Add clear and helpful comments throughout your HTML explaining:t he purpose of key sections and why certain input types or attributes were chosen 5.) Validate your HTML using an HTML validator tool and test your form in a browser to ensure:

- Validation works as expected
- The form is easy to understand and use
- Labels and controls are accessible and readable

Learning Objectives:

- Select appropriate HTML elements in order to apply structure and semantic meaning to page content

- Assemble a simple and secure form that captures user input and transmits to a web server for validation

Assessment:

Criteria	Points
Valid, semantic HTML structure	**2 points**
Use of HTML5 form validation	**2 points**

Clear and helpful code comments	**1 points**
Well-formatted, accessible form following UX best practices	**1 points**
Total	**6 points**

Lab Due Date:

Jan 23rd @ 11:59pm

Lab Weight:

2% of final grade

Submission Details:

Please submit the following:

1. a link to your Github Repository for this lab

!important

Please ensure that any work you submit is your own unique and independent work. Work submitted that is found to be not your own unique, and independent work will be subjected to a grade of 0 and considered to be academic misconduct. **Do not use generative AI to complete this assignment!**