

Objective: The objective of this exercise is to:

1. Learn and practice the basics of HTML Forms
2. Protect your website
3. Introduction to php server programming

Submit: screenshots, your html file and a link to your web page

You **may** discuss this with your fellow students or the instructor.

Name:

Part #1: Forms Tutorial

Estimated time: 30 minutes

Option 1: W3Schools

Exercise: Use w3schools to review/learn basic form commands

https://www.w3schools.com/html/html_forms.asp

1. Review the tutorial from HTML forms → HTML Input Form Attributes
2. 3 Screen grabs showing progress

Option 2: Expert

1. If you are already a form expert – write me a paragraph explaining how you already know this and where you received this knowledge.

Part #2: Simple Form

Estimated time: 30 minutes

Exercise:

Create a basic HTML Form page (~/.public_html/cse383/lab5/index.html) that includes the following:

- **Must be done in ceclinux using editor (nano or vim)**
- Make it look as good as possible
 - May use your own written external css for styling
 - **May NOT use javascript**

- **May NOT use bootstrap**
 - **May NOT use other libraries**
- Form Definition
 - Must use POST
 - Submit to “/~johnsok9/cse383/lab5f21.php”
 - **Test output should show “FORM PASSED” similar to the attached picture**
 - Must send output to NEW tab/window
 -
- Form Fields (with appropriate labels) (note: required names in “” after each field)
 - Name (“name-f21”)
 - Address (“address1-f21”)
 - Address2 (“address2-f21”)
 - City (“city-f21”)
 - State (“state-f21”)
 - Dropdown of all 50 US states
 - PostalCode (numeric only) (“postalcode-f21”)
 - Current Class Level (radio) (“classLevel-f21”)
 - 1st, second, third, fourth, fifth year
 - Interests (checkboxes) (“interest-f21[.]”)
 - Sports
 - Games
 - Reading
 - Coding
 - Friends
 - Cars
 - Travel
 - Expected Graduation Date (date field with calendar) (“date-f21”)
 - Hidden field (“userid-f21” filled in with your unique id)
 - Submit Button (“submit_button-f21”)

Note: You may debug what you are sending to the form processor by adding a hidden field named “debug” with any value. In this case the processor will print out all received form fields, and exit.

Example of good output:

CSE383 Lab 5 Fall 2021

Welcome to Lab 5. This is a simple verifier for your lab assignment

1. Form data must be provided as a POST
2. submit_button must be provided
3. All required items must be provided
4. Display all provided data
5. Verify Pass/Fail

FORM PASSED johnsok9

userid-f21	johnsok9
name-f21	Kurt Johnson
address1-f21	123 Main Street
address2-f21	Suite 2
city-f21	Oxford
state-f21	Oh
postalcode-f21	45056
classLevel-f21	4
date-f21	2021-09-19
submit_button-f21	Press Me
interest-f21	0 => Sports, 1 => Reading, 2 => Coding, 3 => Friends, 4 => Cars, 5 => Travel

Part #3: Validate Web Page

Estimated time: 10minutes

Exercise:

Use the W3c validator at <https://validator.w3.org/>

- **The html file must either pass all validation or explain in the comments why it doesn't**
- **Remember you will need to copy/paste the code**

SUBMIT:

- Screenshot
 - Attach a screenshot of your completed web page
 - Attach a screenshot showing response from the php program
 - Attach a screen shot of the passing w3c validator_
- File
 - Attach the html file
 - Attach the optional css file
- Link

- Add the link to the web page in the text area