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| **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. |

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| **Name:** | **Andrew Boothe** |

# 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

Table

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Graphical user interface, text, application, email

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Graphical user interface, text, application

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# 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)**
  + No CSS required
  + **May NOT use javascript**
  + **May NOT use bootstrap**
  + **May NOT use other libraries**
* Form Definition
  + Must use POST
  + Submit to “https://ceclnx01.cec.miamioh.edu/~johnsok9/cse383/lab5/lab5f22.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-f22”)
  + Address (“address1-f22”)
  + Address2 (“address2-f22”)
  + City (“city-f22”)
  + State (“state-f22”)
    - Dropdown of all 50 US states
  + PostalCode (alphanumeric) (“postalcode-f22”)
  + Current Class Level (radio) (“classLevel-f22”)
    - 1st, second, third, fourth, fifth year
  + Activities (checkboxes) (“activity-f22[]”)
    - Sports
    - Games
    - Reading
    - Coding
    - Friends
    - Cars
    - Travel
  + Expected Graduation Date (date field with calendar) (“date-f22”)
  + Hidden field (“userid-f22” filled in with your unique id)
  + Submit Button (“submit\_button-f22”)

**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.**

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**Example of my input (ugly) screen.**

**Graphical user interface, application

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**Example of good output:**

**Table

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# 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**

Graphical user interface, text, application, email

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# SUBMIT:

* Screenshot
  + Attach 3 W3 schools screen shots
  + 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 (if done)
* Link
  + Add the link to the web page in the text area