|  |
| --- |
| **Create a new document using the naming convention HWX-MUid.docx (example: HW5-johnsok9.docx).**  **Objective**: The objective of this exercise is to:   1. Continue working with HTML forms 2. Learn and implement Bootstrap forms 3. Create projects and save revisions to GIT 4. Understand the concepts of styling a good looking HTML form   **Submit**: screenshots, your word document, html file, optional css, and a link to your web page  You **may** discuss the concepts with your fellow students  You **may** **not** show or share code with your fellow students  You **may** **not** show or share code with internet sources  You **may** discuss this with your instructor or TA. |

# Part #1: Bootstrap Tutorial

*Estimated time: 30-60 minutes*

**Exercise:** Use getbootstrap.com to review/learn bootstrap **basic form layouts**

* [[Bootstrap Introduction](https://getbootstrap.com/docs/4.0/components/forms/)](https://getbootstrap.com/docs/4.4/getting-started/introduction/)
* [[Bootstrap Forms](https://getbootstrap.com/docs/4.0/components/forms/)](https://getbootstrap.com/docs/4.4/components/forms/)
* [[Bootstrap HOME](https://getbootstrap.com/docs/4.0/components/forms/)](https://getbootstrap.com/)

1. Review the bootstrap information
2. Make sure you understand enough to implement the assignment
3. There is nothing to submit for this section

# Part #2: Create gitlab project

*Estimated time: 10 minutes*

**Exercise:**

* Gitlab
  + Create project cse383\_hw5 in your account.
* Ceclinux
  + Clone the project into ~/public\_html/cse383
  + All work will now be done in ~/public\_html/cse383/cse383\_hw5
  + Make sure you submit all revisions
  + Add screen grabs

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

# Part #3: Create bootstrap form

*Estimated time: 1-3 hours*

**Exercise:**

You are to create an html file and associated style sheet that will cause the browser to display a good looking and functional form using bootstrap and submit the form, using POST, to a local (relative) php program named hw5f22.php. I am providing hw5f22.txt (rename it as hw5f22.php and save it in the same directory as your web page). You will need to make minimal changes to it. You will do most of the work in index.html and the associated style sheet.

Note: Required Fields

**The required fields are defined in the comments of hw5f22.php**.

Must include:

* **Header with your name at the top**
* **A picture**
* **Footer with the class, assignment and date due at the bottom**

Test it by submitting the form.  You must get a good, formatted result as seen in the provided example.

You should only modify hw5f22.php to

* **Set the PASSWORD to "55gf343asdf"**
* **Set the TABLE to “383f22”**
* **Fix any syntax errors**
* Test your php code by typing “php hw5f22.php”
  + If no error – it will print a message showing that you did not submit a form – this is what you expect from the command line
    - Should respond with “NO POST DATA FOUND - STOPPING”
  + If it has a syntax error (which it probably will) – find and correct it
  + **Note: I added two simple syntax errors**
  + After changing – test it again
* Yes this is PHP. No you don't need to “know” php, yet, but you should be able to look at a new language and already start figuring out how it works.

Note: You are in charge of making the "good looking and functional form".  Part of this homework is a word document explaining your reasoning why the form you created is "good looking" and functional. Just saying it is good looking is not enough. **You’re your reason using at least three full sentences.**

* **Submit the changes to git**
  + **Screen grab from gitlab showing files uploaded**

Example: Here is my form – **DO NOT COPY IT – MAKE YOUR OWN DESIGN**

A picture containing chart

Description automatically generated

Example of good result:

Graphical user interface, application

Description automatically generated

# Part #4: Write a brand-new Word Document

*Estimated time: 15 minutes*

**Exercise:**

* **Make sure it includes your name, class, assignment etc…**
* Justify why your form is “Good Looking” and “functional” using full sentences and paragraphs
  + Explain more than “I made it – so it is good”, “It looks ok to me”

# SUBMIT:

* Word Document
* Screenshots (may be inside word or separate)
  + Attach a screenshot showing gitlab with changes submitted
  + Attach a screenshot of your completed web page
  + Attach a screenshot of the correct form completion page
* File
  + Attach the html file
  + Attach the external css file

Graphical user interface, text

Description automatically generated

Graphical user interface, application, timeline

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated