

CSCI 466 ASSIGNMENT 7 - FALL 2023

PHP WITH FORM (100 PTS)

WHAT TO DO?

For this assignment, you will be writing PHP that generates well-formed HTML, satisfying the requirements below.

REQUIREMENTS

- ① The title of the page should have your name and zid in it.
- ② The page should have a heading at the top that says "CSCI 466 Assignment 7" (10 pts)
- ③ Your page must contain an HTML form : (Make sure to provide user-visible labels for each element within the form)
 - Ⓐ The form must submit the form data to the same page that generated the form.
 - Ⓑ The values submitted by the form must not appear in the URL.
 - Ⓒ There must be a single line text box whose value will be submitted as word.
 - Ⓓ There must be a single line text box whose value will be submitted as count.
 - Ⓔ There must be two radio buttons, which submit their value such that it can be looked up as listtype, and allow the user to select either "ordered" or "unordered". As the type of the list.
 - Ⓕ Your form must have three drop down boxes, named numstart, numstep, and numnums, which have all of the values from 0 to 9 available to select from. You should use PHP to draw these rather than hardcoding them.
 - Ⓖ The submit button must have a caption of "LET'S GOOOO"
- ④ When there is form data submitted, your PHP should:
 - Ⓐ Validate the input from the word, count, and listtype form items. If the user submitted valid values for them, then draw a list of the requested type (i.e. listtype will be either ordered or unordered list) which has count items inside of it, each showing word. If the form data was not submitted for any of the three values involved, then show an HTML paragraph that says "List display parameters not received."
 - Ⓑ Validate the input from the numstart, numstep, numnums form items. If the user submitted valid values for them, then use PHP to draw an HTML table containing the multiplication table with numnums rows and numnum columns, with the first row/column having the value numstart, and each of the following rows/columns having a value that is the previous row or columns value plus numstep. The rows and columns should each be labeled using table heading cells containing said value, and each of the non-label cells should be table data cells containing the product of the row value and the column value. If any of the form elements involved are missing or invalid, display an HTML paragraph saying "Multiplication parameters not received."
- ⑤ The form for the user to submit must appear on the page before any of the items generated by what may have been submitted.

WHAT TO TURN IN?

Submit, through Blackboard, the following:

- ▶ The HTML file. Name it assign7.php. Sometimes Blackboard is stubborn and will not various web-related files, so you will may have to compress the .php into a .zip to submit.
- ▶ A link to that same PHP file, hosted on our webserver. Place it in your public_html directory and provide the appropriate link in the comments of your submission. This will be like the one from the lecture, on students.cs.niu.edu. Remember that PHP code only runs on the server.

DO NOT DELETE THE HTML FILE FROM THE SERVER OR EDIT IT IN ANY WAY ONCE SUBMITTED UNTIL AFTER YOUR ASSIGNMENT HAS BEEN GRADED. IF IT IS MISSING WHEN THE GRADER CHECKS FOR IT, YOU WILL RECEIVE A ZERO.