

CSCI 3000 DA (Web Programming)

Fall 2018

Homework 8

Create a responsive web-based multiple choice test. Use HTML, CSS, JavaScript, PHP, MySQL (MariaDB), and the web server XAMPP. The requirements are:

- A well designed responsive (2 points) HTML page with proper styling (2 points) using CSS (external CSS file)
- This online test will have at least 3 multiple choice questions. You will choose your own questions. (2 points)
- The test should have input fields for the user/student first and last names, email address, and user/student identification. All these input will be required. (4 points)
- The test will have check boxes for selecting the answer and allow only one box to be checked per question. (2 points)
- Once the user/student selects his/her answers they will click a submit button and received back their grade (e.g. “You got 2 correct answers out of 3”, or “your grade is: 66.6%”) at the bottom of the test page. (10 points)
- All submitted information will be saved in a database in the web server. You should create a table with the following structure (the name of your database should include your last name appended) :

Student ID	First Name	Last Name	Email	Q1	Q2	Q3	Correct Answers
000000	Instructor	Instructor	instr@ung.edu	C	B	D	3
112344	Joe	Clark	jclark@ung.edu	A	B	C	1

- You should have a separate PHP script that will run once for creating the database and the table (6 points) and also for entering the first record (6 points), which is the instructor's information with all correct answers.
- The PHP script in the HTML test page will insert the user/student's information to the database (16 points) and display the result score to the user as mentioned above.