ECLT 5830 Assignment #3 Due: 18 Mar 2018

**Objective**: To get familiar with

* Using SQL statements and mysqli\_\* functions to interact with MySql database
* Using CSS media query to present content for displays with different size

Before working on these problems using the provided files, you need to create a MySql database named “asgn3” and use the commands in asgn3/php/sql.txt to create the necessary tables and populate test data.

The database connection info is kept in asgn3/php/lib/init.php. The default hostname is “localhost”, database user is “root”, and password is “” (empty string). You can change that if your computer use a different settings.

**Problem 1 [30%]**

Edit asgn3/php/view/index.php so that it can display the following info in two different modes

* Student Name
* Student ID
* At least one of the in the images in img/ folder
* Note: You can add other info too

Mode #1: When the screen width is at smaller or equal to 640 pixels

* Display all info in single column
* Do not display the student ID
* Set image width to 100% of the column width (while maintaining the aspect ratio of the image)

Mode #2: When the screen width is larger than 640 pixels

* Display name and student ID in two equal-width columns and center both data in the respective column.
* Set the image width to 100px (while maintaining the aspect ratio of the image) and set its position so that it is always shown at the lower right corner of the viewport (i.e., the browser’s viewing area) even when the user scrolls the content in the page.

Note:

* A user should be accessing this page as “localhost/asgn3/php/index.php”
* You should only place your CSS code in asgn3/css/asgn3.css.

**Problem 2 [30%]**

When a user accesses “localhost/asgn3/php/list\_items.php”, the resulting page should list all items in the database in ascending order with respect to the item’s price. For each item, your code should show the title (inside a link) and the price of the item. The URL of the link should be "item.php?id=ITEM\_ID" (where ITEM\_ID is an integer representing the item's ID).

You can display them in any format.

**Problem 3 [40%]**

When a user accesses “localhost/asgn3/php/item.php?id=ITEM\_ID” (where ITEM\_ID is an integer representing the item’s ID in the database), the resulting page should show all the info about the items, including all the comments left by the users on that item.

You can display them in any format.

**Submission**

Please archive (as ZIP or ARJ) the assignment 3 folder and submit it to Blackboard.

Anything submitted within 3 days after the deadline will receive 20% deduction.

Anything submitted within 4-7 days after the deadline will receive 50% deduction.