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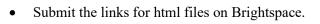
# COMP-3077 Winter 2024 Web Data Management

Created by: Dr. Saja AL-Mamoori

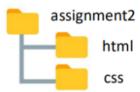
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### **Instructions:**

- **5 points** for complete work. This assignment should be done individually. Late submission is subject to 10% per late day penalty.
- Due date: Friday Feb 2<sup>nd</sup>.
- Create assignment2 folder in the assignments folder on myweb. The folder structure of
- this assignment should look like this:
- HTML and PHP files must be uploaded into html folder and CSS files must be uploaded into css folder.



 Answer question 5 in the comment part of the assignment's submission.



### **Questions:**

- 1. Download *table.html* and *table.css* from COMP-3077 Brightspace site under Resources tab in the top navbar. Open *table.html* and edit it as follows:
  - a. Link table.html to table.css externally by adding the following lines into table.html:

#### <head>

<link rel="stylesheet" type="text/css" href="../css/table.css">
</head>

- b. Modify the hover css rule in *table.css* to make it work for the table row instead of the table data-cell when the mouse hover over a row.
- 2. In html folder, create 2 webpages myform.html and process number.php that do the following tasks:

a. *myform.html* must have a form that sends its variables, using the "GET" method, to *process\_number.php*, the form should include 2 input elements to enter the form data and a submit button to submit the data. The 2 variables are a textbox with a name = "num", and a drop down list with a name = "functiontype" as shown in the following code:



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number: <input type="text" name="num" />

function: <select name="functiontype" >

<option value="1"> Square </option>

<option value="2"> Square root </option>

</select>

b. *process\_num.php* must receive the values of the 2 input elements using \$\_GET function, then you will implement the 2 functions.

The first function is *print square* takes an integer value and prints the square of it.

The second function named print sqrt takes an integer value and prints the square root of it.

The output of those functions are something like:

The square of 4 is: 16

The square root of 9 is: 3

Note: the square root function in php is sqrt(), e.g., sqrt(9) = 3

- 3. Implement a switch statement that takes the received \$functiontype variable in the switch condition, and call print\_squure(\$num) when \$functiontype =1, and print\_sqrt(\$num) when \$functiontype =2; otherwise, the statement will print "No values are received".
- 4. Download *form.css* from the COM-3077 Brightspace site. Upload it to css folder, link *myform.html* externally to *form.css*. Turn on the responsiveness in form.css using the right attributes.
- 5. How many breaking points in *form.css* for the screen you're working with and what is the range of sizes for each targeted screen size. Answer this question in the comment part of the assignment submission.