

## Database-Driven Web Design & Development - Total Cost Lab

Develop the “Total Cost” PHP application using the following specs:

- Create a folder named **totalCost\_yourname**.
- Copy the provided **costForm.html** file and **css** folder into your folder. In **costForm.html**'s form, change the **action** attribute's value to **totalCost\_yourUserName.php**.
- Your **totalCost\_yourUserName.php** file should solve the following tasks:
  - Set the cost per widget as \$20.00 (in variable **\$costPerWidget**)
  - Set the tax rate at 6 percent (in variable **\$taxRate**)
  - Set the discount rate at 25% (in variable **\$discountRate**)
  - If the quantity entered is not greater than zero present the following message to the user on the web page and exit:

**“Please make sure that you have entered a quantity and then resubmit”**
  - Apply the discount **only if** the total cost (pre-tax) is \$50.00 or greater
  - Apply the tax (after any applied discount) and determine the total cost for the quantity of widgets ordered storing the total in a variable called **\$totalCost**
  - Determine a monthly installment (payment) for the user based on a 12-month period (*Hint*: use the **round(value, 2)** function or **number\_format()** function to round **\$totalCost** to two places)
  - Display the following information to the web browser (note the figures below are just examples, but make sure the format of your output follows these specs - *see the provided screenshots for examples*):

You requested **##** widget(s) at **\$20** each.

Your total with tax, minus your **\$x** discount, comes to **\$xx.yy**.

You may purchase the widget(s) in 12 monthly installments of **\$xx.yy** each.

**Notes:** The above output line should just wrap normally. Use the color and font values from the submitted form to set your page's text and background colors as well as the text font. Use the **printf()** function or **number\_format()** function to print out the dollars and cents amounts and **only print the “minus your \$\$ discount” part if a discount was applied**

- Be sure to create a syntactically correct (can be validated without errors) and **readable** HTML5 document from your **totalCost\_yourUserName.php** file. Check this by viewing your produced HTML source code.

Zip your **totalCost\_yourUserName** folder and submit it using the provided Dropbox.