

## CPT 162

### Exam 1

For this exam you will create a folder named lastname\_exam1. You will create a website for a small manufacturing company. The index page will be a form that will allow them to enter login information. Everyone shares the same login, which is a user name of user and a password of password. After they are able to login successfully, they should go to a page called options which allows them to choose one of two pages to access in a menu area. The options page should have a picture of your choice at the top left, the made up name of your company to the right and a menu area below with the links to the two pages. All pages except index should have this same format at the top. In addition, the output area in the center should be formatted with a color scheme other than white background with black lettering. Make the page somewhat attractive, but mostly functional and readable.

The first page is a page called thequote, which allows them to enter a quantity of how many items they are choosing to purchase, as well as a drop down list of those items. The three items they should be able to purchase are things for \$30, ultra-things for \$60 and supreme things for \$90. The page should output the total cost for the quantity of whichever item they picked.

The second page is a page named theprofit, which will allow the user to enter the number of shares in the company they have purchased, followed by how long they hope to invest for. The company has a 100% return rate so the invested amount will double each year. The output of the investment should show the year, followed by the starting amount for that year, followed by the ending amount for that year. This should be output in a table with a border and appropriate labels.

As always, proper programming practices should be adhered to at all times. This must be uploaded to both the dropbox in D2L as well as the webserver.