**PROJECT 1**

For this assignment, you will begin creating the layout and design for your E-commerce site by creating a site template that will be used for each of the pages in your site.  This template must use CSS and be set up to handle your menus, internal framesets, etc.  When designing your template, you should think about all the requirements above so that you do not miss anything (ie, mini cart).  Be creative, but at the same time, think of how clean and useful the site’s design will be in terms of colors, links, fonts, sizes of fonts, backgrounds, etc. You must either create your template using Boottrap or choose one of the free Bootstrap templates that exist on the web to incorporate your site into over the course of the semester.

Again, be thinking ahead.  Be sure that you include room for a search of your site and shopping cart info within the template and that your CSS styles are in an external CSS document.  Also, one other caveat… using Bootstrap makes the theme/template a responsive one, meaning it responds to various devices and screen resolutions automatically, so be sure to test your template on a phone, tablet, and desktop (or use a browser at various sizes) to ensure you are seeing what you want everyone to see.  Therefore, you can use an existing Bootstrap theme, create a theme on your own (<http://getbootstrap.com/)>, etc. but it will need to be customized for your site.

You will need to break this template in to several different files for easy inclusion in all pages across your site.  As part of the template, you will need to create a config.php file where you will "DEFINE" your global variables and settings for your site (just include the file and do the creation of the file for now, but don’t need your variables), including database connections (for now, just have the file). You will need to ensure that you use PHP includes to easily separate design from logic (files that will remain the same on every page, such as header, footer files, config, etc).  Be sure to submit all files for this project.

You are also responsible for creating one category (must be unique so if someone has already created a category for hammers, you must create another), populate that category into the database,and then create 4 new products for that category.  Of the 4 products you create, 2 will be required to have options available (different sizes, colors, etc.).  Also, 3 of the products should have multiple images.  As part of your submission, provide the image files and the SQL you used to populate the database itself.