A Day with Bootstrap.

“Bootstrap” is a set of CSS styles and small javascripts that you can use to make your pages look much better designed. They have styles for doing page layouts, pull down menus, button styles...you name it.

In fact, many pages you see on the web use bootstrap as the set of default styles to make their pages look professionally designed. We will do the same thing.

Please follow these steps:

1. Visit http://twitter.github.com/bootstrap and scroll around, click a few links so you get the gist of what’s going on. (NOTE: you will not get the gist. But glean what you can in about two minutes. Then move on to the next step.

2. I have created a set of startup files for you to use to play with bootstrap. Download this file:
   http://cs.ucls.uchicago.edu/ATCS_Resources/Examples/BootstrapTest.zip

   And unzip it on the desktop. Then copy/move the entire bootstrapTest folder into your Website root.
   You should now be able to navigate to:
   http://cs.ucls.uchicago.edu/~username/bootstrapTest
   And see a few folders and a file called home.html

   The folders contain the bootstrap css styles and javascripts. Home.html is a file I wrote to get you started.

3. Open home.html in SublimeText
   Near the beginning of the body you should see a group of buttons. Change the css class on one of the buttons with class="btn btn-info" to "btn btn-danger". Save and refresh the page to see if you can see the difference.

4. Congratulations, you just used your first bootstrap style.

5. Your task today is to continue to modify this html document to play around with bootstrap styles. Here is what you need to do:

   TASK 1:
   On the bootstrap website, click on the “scaffolding” link at the top of the page.
   Read this page about how you can use bootstrap to layout your page in some kind of grid.
   Now, do it. Copy/paste one of the examples as a starting point and make some kind of interesting layout on your page. NOTE: many of the examples are
incomplete or require you to fill in content in order to see anything. Pay attention to that if the example doesn't work “out of the box.”

TASK 2:

Click on the “base CSS” link at the top of the bootstrap site and skim the page about the basic bootstrap typography styles. Add the following somewhere on your page (preferably somewhere inside the grid you created):

1. An image with a circular frame (note: you will have to add your own image file to your website folder. I did not provide you with any images).
2. Add three Glyphicons somewhere

TASK 3:

Click on the “components” link at the top of the bootstrap site and skim the page to see what kinds of components you can add/style. Pick any 3 types of components and add an example to the page. In the example file I gave you, I showed an example of a button group and simple tab/pulldown menu, so it’s not really learning anything to use those. If you use a component that involves links, make the links actually go to some of your pages.

TASK 4:

Click on the “javascript” link at the top of the bootstrap site and skim the page. Most of this javascript stuff is a bit hard to use out of the box. But see if you can get the image “Carousel” to work. It should be basically plug-and-play. But you’ll need to come up with set of your own images and move them into the project folder.