



CIS 3270 Assignment #7: Simple Servlet Input/Output

Due Date: October 16th

Instructions:

1. Use a servlet class to generate a dynamic table that looks the same in the browser as the following one. Pass the number of rows and the number of columns parameter through the URL similar to this one: <http://localhost:8089/assignment6/dynamictable?row=3&column=3>

A 3 by 3 dynamic table		
1,1	1,2	1,3
2,1	2,2	2,3
3,1	3,2	3,3

Your servlet should use those two parameters as inputs to generate the dynamic table. Change the values of those parameters and observe the change of the generated table.

2. Refer to your assignment #4. This time, you need to develop a web based electricity bill calculator, using a servlet. Pass the usage parameter through the URL similar to this: <http://localhost:8089/assignment6/electricitybill?usage=1200>

Your servlet should capture this input and generate a nice display of results (for both summer and winter) similar to that at <http://www.psc.state.ga.us/calc/electric/GPcalc.asp>. Change the value of the usage parameter in the URL and observe the change of results.

Hint: you can still make use of your previously developed class, with a little modification if necessary to fit in the web environment.

Submission: for each exercise,

- A screenshot of the JDeveloper environment (with the servlet file open);
- A screenshot of the servlet output displayed in browser (the URL should be shown clearly).
- Complete source code, printed out separately (pasted in Word);
- A copy of your web.xml file, printed out separately.

Note: screenshots need to be complete and original, no graphic editing. Clearly name and label all screenshots and source code.