**EE447/547 HW8 - Spring 2012**

The purpose of HW8 is to demonstrate the maintenance of state information. Modify a copy of HW7 to have a “next country” button on the results page. The user should not have to do any data entry (or be able to change any data). If one is at the “end of the list”, cycle around to the beginning.

Choices for state information transmission include

1. Hidden input field (easiest)
2. Modification of the button each time
3. Cookie
4. Session management (which uses one of the above)

Illegal approach: building a distinct web page per country.

Implement your solution using in either ruby or PHP.

**Bonus (100%)**

Repeat the above assignment (two turn-ins) with at least one of them using a cookie. Provide a graphic representation how each of your two approaches work. This could be a interaction diagram, sequence diagram, animation, sketches, etc.

**Visible Code Listings**

You should add links to copies of your source(s) (if not visible by “View Source”) on the initial data entry screen. Your source code should be viewable in the browser WITHOUT the need to download it first.

**Submission**

When you have completed the assignment, submit the URL of the report page as HW8 in Blackboard Learn. Be sure that either this page has links to all the required pages.

* Use the “Assignments” tool that can be accessed clicking on “More Tools” in the upper right of the class page of Blackboard Vista.
* Submit the url of your assignment as text in the message part of grading assignment being sure to 1) include http:// in front of the URL (to make it a URL) and 2) check that this URL is a correct URL. If you are claiming the bonus, please state that you are in the same submission text box.
* The assignment is due at the start of class on the date noted on the syllabus. An automatic extension to 11:59pm of the same day is available by attending class that day.
* The web pages must not be modified after they are submitted for grading.