DUE: Dec. 14, 2023 @ 5 PM. This is a firm deadline.
POINTS: 30
PURPOSE: Implement a web-based application with JSP, AJAX, etc; Deploy using Maven

DESCRIPTION: Rework the previous project, using newly learned paradigms, including a JSP page as the target of the action off your web page forms or as the front page, at least one Java Bean, an object in the session, and a cookie.

We will also learn to use Maven to process our web application.

You may retain your servlets to perform functions or may convert them to objects accessed by your JSP.

Also, in this project, all pages are to be partitioned so that once the query page is loaded, the entire page is never reloaded.

Detail your design in your readme. Document your work using web-based tools; one possibility is a documenting tool for jsp called jspDoc (http://jspdoc.sourceforge.net/; manual link says *upload*). Let's find out if that or doxygen can handle the different file types, or if some other tool will work. Discuss on the forum.

All requirements, notes, etc; from previous projects apply. If updates to your design were mandated in the Project 2 grade report, be sure to carry them out in this project.

Deliverables:
- Turnin:
    - a zip that can be expanded and have Maven applied to it directly
    - Your html, jsp, bean(s), servlets, etc; and any other (script?) files.
- D2L: Submit a readme file that:
    - Contains links to the application and documentation.
    - Describes:
        - what elements in the project were updated to JSP bean(s)
        - cookie(s)
        - use of the session
        - design decisions
        - etc.
    - **4 point penalty for not providing links**.