Exercises: JSTL

Problem 1 is basically to be sure you have the right JAR files (copy from WebContent/WEB-INF/lib of my exercises) and the right @taglib declarations in your JSP page. Problems 2-4 are most representative of how you would use JSTL in real applications, so if #2 is the *only* exercise you finish, you are still in good shape.

1. Make a JSP page that creates a list of 13 random numbers. Use a simple JSP expression for each individual random number: `<%= Math.random() %>`.

2. Create a servlet that stores a bean containing an array of first names (simple Strings), then forwards to a JSP page using RequestDispatcher. In the destination JSP page, loop down the array and put them into a bulleted list.

3. Repeat problem #2 with an ArrayList or LinkedList.

4. Create a servlet that makes an array of Name objects, which have firstName and lastName properties. Have your JSP page make an HTML table with first names in the left table cell and last names in the right table cell. Use the JSP 2.0 expression language as well as JSTL.

5. Repeat #4, but put the first and last rows in a different color than the other rows.

6. Repeat #4, but

- If the first name is “Rupert,” replace it with “Rupie” instead.
- If the first name is “Bill,” use “Microsoft” instead.
- If the first name is “Scott,” use “Sun” instead.
- If the first name is “Larry,” use “Oracle” instead.