Exercises: 
JSP Scripting Elements

1. Make a JSP page that randomly selects a background color for each request. Just choose at random among a small set of predefined colors. Be sure you do not use the CSS style sheet, since it overrides the colors given by `<body bgcolor="...">`.

   Note: in Eclipse, all Java code goes in `src/subdirectory-matching-packageName`, regardless of whether the Java code is a servlet or some other kind of Java class. Then, if you want a class called ColorUtils with a static method called randomColor and have it be in a package called utils, you might write something like this:

   ```java
   package utils;

   public class ColorUtils {
       public static String randomColor() {
           if (Math.random() < 0.5) {
               return("BLUE");
           } else {
               return("RED");
           }
       }
   }
   ```

   In JSP, you can call the method with

   `<%=` utils.ColorUtils.randomColor() `%>

   Also, if you want to test some Java code separately from a JSP page, note that in Eclipse, if your class has a “main” method, you can right-click anywhere in the file, choose Run As --> Java Application, and Eclipse will run main and put the output in the console at the bottom.

2. Make a JSP page that lets the user supply a request parameter indicating the background color. If no parameter is supplied, a background color should be selected at random.

3. Make a JSP page that lets the user supply a request parameter indicating the background color. If no parameter is supplied, the most recently used background color (from a previous request by any user) should be used.