Exercises: HTTP Response Headers

1. Redo the first problem from the previous set of exercises (the one that redirects users at random). Instead of using response.sendRedirect, set the appropriate status code and response header explicitly. Do you get the same result?

2. Write a servlet that instructs the browser to reconnect every five seconds. Display the time (print `new java.util.Date()`) on each connection.

3. Write a servlet that generates an Excel spreadsheet with 10 rows and 5 columns. Display a random number in each cell. Try it from both Firefox and Internet Explorer. What happens when you hit the "Reload" button?

4. Write a servlet that returns a page to Internet Explorer users saying they will be sent to http://www.microsoft.com after 10 seconds. Send them there after that timeout. Send Firefox users to http://www.mozilla.org after the same delay. You'll have to read about the Refresh header in the book (page 203) to see the option of supplying a specific URL to connect to.