

# 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 (`import java.util.*` and then `print new 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.