

Exercises: Ajax Basics

1. Make an HTML page with a pushbutton that directly pops up an alert box. You do *not* need to load a JavaScript file to do this: your pushbutton can just directly call 'alert("Hi")'. Note that there is no Ajax involved yet, and no <script> tags.
2. Make an HTML page with a pushbutton that calls a JavaScript function that pops up an alert box. The difference here from problem 1 is that the pushbutton invokes a JavaScript function that you wrote, so you have to load the JavaScript file with the <script> tag. There is still no Ajax involved yet.
3. Make an HTML page with a pushbutton that pops up an alert box, where the contents of the alert box are taken from an HTML file. Now you need to use the Ajax process.
4. Make an HTML page with a pushbutton that pops up an alert box, where the contents of the alert box are taken from a JSP page.
5. Make an HTML page with a pushbutton that pops up an alert box, where the contents of the alert box are taken from a servlet.
6. Make an HTML page that has a pushbutton. When you press the pushbutton, a bulleted list of random numbers should pop up inside the HTML page. Use a single JSP page to create the bulleted list.
7. Redo #6, but use MVC on the server to build the bulleted list.
8. Make a server-side resource that returns two random numbers, represented in XML like this:

```
<?xml ...>
<numbers>
  <number1>0.1234</number1>
  <number2>0.5678</number2>
</numbers>
```

Make an HTML page that has a pushbutton. When you press the pushbutton, a bulleted list of two numbers should pop up inside the HTML page.