How to study AJAX

Next we opened up the code and went over:

1. AJAX basics
   1. **http://www.w3schools.com/ajax/default.asp** **(http://www.w3schools.com/ajax/default.asp)**
   2. Creating an XMLHttpRequest object
      1. **http://www.w3schools.com/ajax/ajax_xmlhttprequest_create.asp (http://www.w3schools.com/ajax/ajax_xmlhttprequest_create.asp)**
   3. Setting up what will happen when we get a response from server
      1. **http://www.w3schools.com/ajax/ajax_xmlhttprequest_onreadystatechange.asp (http://www.w3schools.com/ajax/ajax_xmlhttprequest_onreadystatechange.asp)**
   4. Doing something with that response
      1. **http://www.w3schools.com/ajax/ajax_xmlhttprequest_response.asp (http://www.w3schools.com/ajax/ajax_xmlhttprequest_response.asp)**
   5. Opening and sending an AJAX request
      1. **http://www.w3schools.com/ajax/ajax_xmlhttprequest_send.asp (http://www.w3schools.com/ajax/ajax_xmlhttprequest_send.asp)**
2. The same as before just a nicely formatted loading icon using HTML, CSS, and JavaScript
3. Sending data through AJAX to server and receiving particular data based off what we sent
   1. We also looked more into the PHP side of AJAX and looked how PHP would send back a specified string depending on the parameter sent by the front end
4. Watching AJAX in action and studying onreadystatechange
5. We then skipped over a directory and took a look at XML and how to use AJAX to retrieve it.

Next we will finish this lecture, looking at using POST with AJAX and how to retrieve JSON with AJAX.

1. We finished up using AJAX for JSON data
   1. **http://www.w3schools.com/js/js_json_intro.asp (http://www.w3schools.com/js/js_json_intro.asp)**
   2. **http://php.net/manual/en/function.json-encode.php** **(http://php.net/manual/en/function.json-encode.php)**
2. Then we made an AJAX application and used POST