Notes on Ajax:

* AJAX allows web pages to be updated asynchronously by exchanging small amounts of data with the server behind the scenes
* We request the server for returning html, json etc. by using ajax

XMLHttpRequest Object

* The XMLHttpRequest object is used to exchange data with a server behind the scenes. This means that it is possible to update parts of a web page, without reloading the whole page.

The onreadystatechange event

* onreadystatechange stores the function that will process the response from the server.

readyState Property

* This is where the status of our server's response is stored. The response can be processing, downloading or completed. Each time the readyState changes then our onreadystatechange function executes.
* When the property readyState is 4 that means the response is complete and we can get our data.

1. Ajax original name XMLHTTPRequest
2. Quick ability to without leaving the web page on it can go talk to the server gets the data and come back without reloading entire page it go something for sql and come back updating the page without refreshing the whole page based on the new information or update the server without page refreshing.
3. Ajax: A new approach to web Applications by Jesse James Garrett
4. Ajax means Asynchronous javascript and XML
5. Asynchronous means browser isn’t hanging well it’s going to talking to the server
6. XML is a software- and hardware-independent tool for carrying information and stands for backend of the browser and server.
7. In order to be Ajax it has to be JavaScript not flash it has also contains something has goes to talk to server and comes to back to browser and update somehow i.e. communication must be asynchronous and work has been done in javascript.
8. YUI --> Yahoo User Interface
9. Add add-ons --> DOM inspector in firefox
10. Firebug and Web Developer ads-on both are handy for debugging purpose in the case of javascript, html, and css.