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Week-7 : **Simple applications using AJAX**

Description:

AJAX = Asynchronous JavaScript and XML. **AJAX** is a technique for creating fast and dynamic web pages. **AJAX** allows web pages to be updated asynchronously by exchanging small amounts of data with the server behind the scenes. This **means** that it is possible to update parts of a web page, without reloading the whole page.

Code:

Creating a simple XMLHttpRequest, and retrieve data from a TXT file.

```
1.  <!DOCTYPE html>
2.  <html>
3.  <body>
4.
5.  <div id="demo">
6.  <h3>AJAX EXAMPLE</h3>
7.  <h5>The XMLHttpRequest Object</h5>
8.  <button type="button" onclick="loadDoc()">Change Content</button>
9.  </div>
10.
11. <script>
12. function loadDoc() {
13.     var xhttp = new XMLHttpRequest();
14.     xhttp.onreadystatechange = function() {
15.         if (this.readyState == 4 && this.status == 200) {
16.             document.getElementById("demo").innerHTML =
17.                 this.responseText;
18.         }
19.     };
20.     xhttp.open("GET", "ajax_info.txt", true);
21.     xhttp.send();
22. }
23. </script>
24.
25. </body>
26. </html>
```

Output:

AJAX EXAMPLE

The XMLHttpRequest Object

Change Content

AJAX

AJAX is not a programming language.

AJAX is a technique for accessing web servers from a web page.

AJAX stands for Asynchronous JavaScript And XML.