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AJAX XML: The JavaScript File

Course information will be listed here.

When a user selects a course in the dropdown list above, a function called [showCourse](#) as below is executed. The showCourse function does the following:

- Check if a course is selected.
- Create an [XMLHttpRequest](#) object.
- Create the function to be executed when the server response is ready.
- Send the request off to a file on the server.
- A parameter (q) with the content of the dropdown list is added to the URL.

```
01 function showCourse( str ) {  
02     if ( str == "" ) {  
03         document.getElementById("txtHint").innerHTML = "";  
04         return;  
05     }  
06     if ( window.XMLHttpRequest ) {  
07         // code for IE7+, Firefox, Chrome, Opera, Safari  
08         xmlhttp = new XMLHttpRequest( );  
09     }  
10     else {  
11         // code for IE6, IE5  
12         xmlhttp = new ActiveXObject( "Microsoft.XMLHTTP" );  
13     }  
14     xmlhttp.onreadystatechange = function( ) {  
15         if ( ( xmlhttp.readyState == 4 ) &&  
16             ( xmlhttp.status == 200 ) ) {  
17             document.getElementById("txtHint").innerHTML =  
18                 xmlhttp.responseText;  
19         }  
20     }  
21 }
```

```
19     }  
20   }  
21   xmlhttp.open( "GET", "getCouse.php?q="+str, true );  
22   xmlhttp.send( );  
23 }
```

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