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## AJAX Database: The PHP File

Book information will be listed here...

The page on the server called by the JavaScript is a PHP file called [getBook.php](#), which runs a query against a MySQL database, and returns the result in an HTML table. When the query is sent from the JavaScript to the PHP file, the following happens:

1. PHP opens a connection to a MySQL server.
2. The correct book is found.
3. An HTML table is created, filled with data, and sent back to the txtHint placeholder.

```
01 <?php
02 $username = "userid";
03 $password = "password";
04 $database = "database";
05 $host      = "mysqldev.aero.und.edu";
06 $conn      = mysql_connect( $host, $username, $password );
07 if ( !$conn ) {
08     die( 'Could not connect: ' . mysql_error( ) );
09 }
10 mysql_select_db( $database, $conn );
11
12 echo "<center><table border='1'><tr>
13     <th>ISBN</th>
14     <th>Title</th>
15     <th>Price</th></tr>";
16
17 $q = $_GET["q"];
18 $sql = "select * from bookList where ISBN = " . $q;
19 if ( $result = mysql_query( $sql, $conn ) ) {
20     while( $row = mysql_fetch_array( $result ) ) {
21         echo "<tr><td>" . $row['ISBN'] . "</td>";
22         echo "<td>" . $row['title'] . "</td>";
23         echo "<td>" . $row['price'] . "</td></tr>";
24     }
```

```
25     }  
26     echo "</table></center>";  
27     mysql_close( $conn );  
28 ?>
```

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