Lab10:

**Part I: Select 1 field of 1 table from winestore database.**

1. Download the in the [fig19\_15-16.rar](http://playground.bradley.edu/~jiangbo/fig19_15-16.rar) to your PC/Laptop.

2. Unzip the file and edit the data.html and database.php with your MySql login and password and upload the files to your public\_html subdirectories in playground using FileZilla Secure File Transfer.

3. Open the data.html in playground in a browser and test the database query operations.

4. Create the db.inc file with the $hostName, $databaseName, $username, and $password. Rewrite the database.php with the require ‘db.inc’; and test it again in playground without hardcoded database connection info. (Try to use notepad as the editior.)

Sample db.inc file:

<?php

 $hostName = "localhost";

 $databaseName = "s\_jiangbo";

 $username = "s\_jiangbo";

 $password = "kmkXL3uJ";

?>

Sample modified database.php code:

<?php

 require ‘db.inc’;

 $select = $\_POST["select"]; // creates variable $select

 // Build SELECT query

 $query = "SELECT " . $select . " FROM wine";

 // Connect to MySQL

 if ( !( $con = mysqli\_connect($hostName, $username, $password) ) )

 die( "Could not connect to database </body></html>" );

 // Open the database

 if ( !mysqli\_select\_db($con, $databaseName ) )

 die( "Could not open the database </body></html>" );

…

**Part II Display all the fields of 1 table from winestore database.**

Modify the [formDatabase.php](http://playground.bradley.edu/~jiangbo/formDatabase.txt) in Chapter 19 figure 19-21 to display all the fields of the wine from the winestore database instead of display the MailingList form contacts database.

 <h1>Wine</h1>

 <table>

 <caption>Wine Data</caption>

 <tr>

 <th>ID</th>

 <th>Wine Name </th>

 <th>Type</th>

 <th>Year</th>

 <th>WineryID</th>

 <th>Description</th>

 </tr>

 <?php

 //( php code… )

 ?>

 </table>

Copy-and-paste a few screen shots of your operation this lab doc and submits it with the php files and db.inc files in the drop box of the class Sakai web site.