Tutorial 12: *Programming with AJAX*

Auction Demo

A. The following files are used in these instructions:

C:\cit171\tutorial.12\demo\auction\auction.sql
C:\cit171\tutorial.12\demo\auction\bid.txt
C:\cit171\tutorial.12\demo\auction\high_bid.htm
C:\cit171\tutorial.12\demo\auction\high_bid_enter.php
C:\cit171\tutorial.12\demo\auction\high_bid_get.php
C:\cit171\tutorial.12\demo\auction\high_bid_history.php
C:\cit171\tutorial.12\demo\auction\high_bid_reset.php

B. Update the auction.sql MySQL Batch File

Your instructor has provided students with a MySQL batch file named auction.sql that will create the database named auction, and it will create, populate, and grant permissions to the table within it named bid.

Before you run the auction.sql MySQL batch file you will need to verify two (2) settings within it:

1. Verify the path to the input file named bid.txt

   a. In the MySQL batch file named auction.sql make sure that the path points to the location of the input file named bid.txt.

```
load data local infile 'c:/cit171/chapter.12/demo/auction/bid.txt'
into table bid
fields terminated by ','
lines terminated by '\r\n';
```

←Path

   b. Notes:

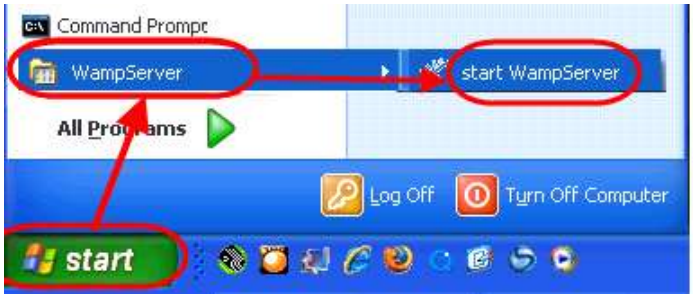
   - The text file named bid.txt is the input file to the MySQL batch file named auction.sql.
   - The text file named bid.txt contains the data that will populate the database table named bid.
   - The database table named bid is inside of the database named auction.

2. Verify the MySQL user name and password

   a. In the MySQL batch file named auction.sql make sure that the MySQL user name is student@localhost and the password is mysql, in all lower case letters.

   grant select, insert, update, delete
   on auction.bid
   to student@localhost ← **MySQL user name (all lower case letters)**
   identified by 'mysql'; ← **MySQL user password (all lower case letters)**

C. Start WampServer



If you haven't already installed *WampServer* see the WampServer installation instructions.

D. Run the auction.sql MySQL Batch File

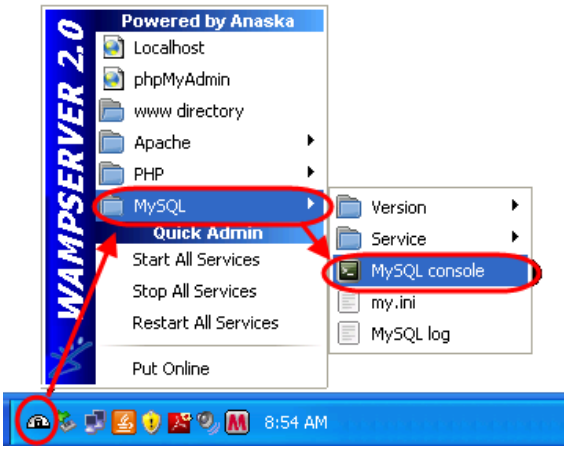
1. Copy (not move) the MySQL batch file named auction.sql into the root folder of the C: drive. The reason you are copying this file into the C: drive is because it will be much easier for you to run the MySQL batch file from that location. You can delete the copied auction.sql file from the root folder of the C: drive as soon as you have successfully run it.

   Copy (not move)

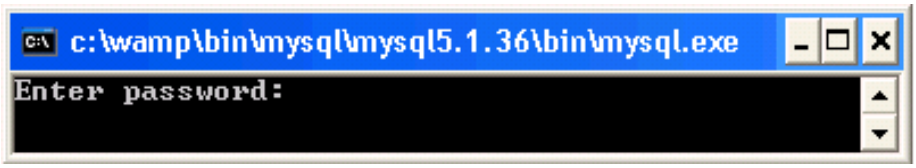
   C:\cit171\tutorial.12\demo\auction\auction.sql
   to

   C:\auction.sql

2. Open the MySQL Console from the tray icon



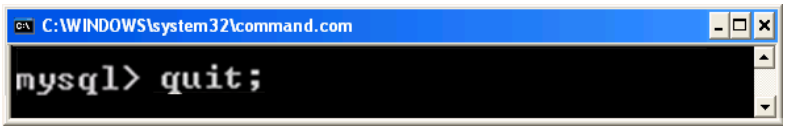
3. Press the **ENTER** key when prompted for a password. The WampServer installation, by default, does not require a password for the MySQL console.



4. Then, type the following commands from within MySQL monitor. Don't forget to type the semi-colon at the end of each command. Also make sure that the path points to the location where the file named auction.sql is located.

Note the forward slash "/" between the drive and filename

Don't forget the semi-colon at the end of the command

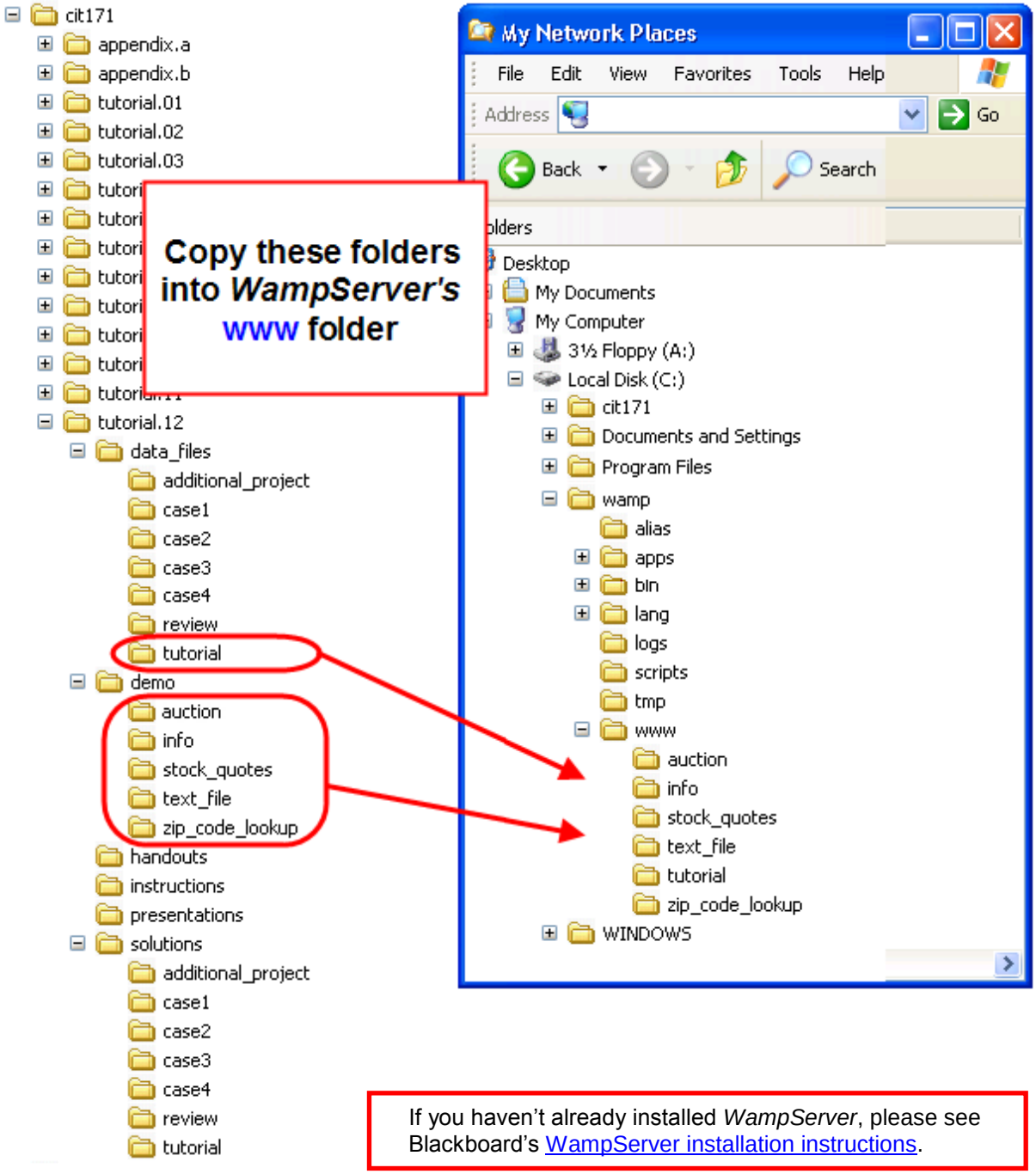


5. Delete C:\auction.sql

   (Don't delete C:\cit171\tutorial.12\demo\auction\auction.sql)

E. Copy the demo folders into *WampServer's* www folder

1. Copy the *Tutorial 12* demo folders into the C:\wamp\www\ folder as shown below:

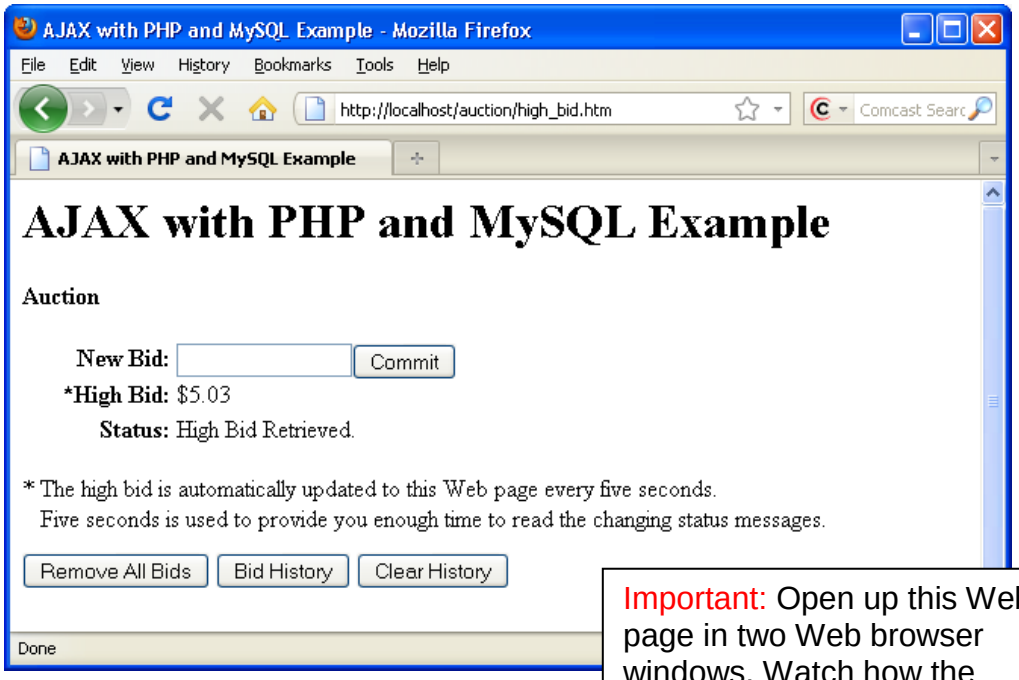


If you haven't already installed *WampServer*, please see Blackboard's WampServer installation instructions.

F. Open the high_bid.htm Web Page

1. Your instructor has provided students with a Web page named high_bid.htm which is used add records to the newly created MySQL table named bid in the database named auction.

2. Students can view this Web page on their own personal computer using the URL http://localhost/auction/high_bid.htm



Important: Open up this Web page in two Web browser windows. Watch how the high bid entered in one Web browser is automatically updated in the other.

3. Click this link to view the Auction Web page on the CLC Web server.

   Important: Open this Web page in two Web browser windows or have someone else on another computer open the same Web page on their computer. Watch how the high bid entered in one computer's Web browser is automatically updated in the other.

4. All of the code within the Tutorial 12 *Auction* demo Web pages is fully documented.

5. Note that the database table named bid lives in a database named auction. The MySQL command reference to the table is auction.bid *(databasename.tablename)*