Submission Instructions: Note that you need to include all of your files (SQL files, PHP files, Javascript files, etc…) and a report as part of your submission. In the report, make sure you describe the environment you used and how to test your code.

EasyPHP Windows 10 Configuration:

1. Download webserver version from http://www.easyphp.org/save-easyphp-devserver-latest.php
   1. Note that Symantec may complain about the file because it is relatively new. I hope the file is fine, but you may wish to avoid installing this file if security is an issue.
   2. Although the web server version has the components we need, there appears to be some problems with the configuration files in the beta version that prevent us from executing properly some SQL commands.
   3. Install, accept license agreement, etc...
   4. Note that you may need to restart your computer to get things working.
2. Once you launch EasyPHP, click on the icon in the bottom right and click Open Dashboard.
   1. If it complains about missing msvc110.dll, refer to <http://www.easyphp.org/faq_devserver.php>. You may need a Visual C++ Redistributable.
   2. Under HTTP server, click start.
   3. Under Databse server, also click start.
      1. If you have already installed the MySQL community workbench, you need to first disable the Windows service running. You can do so as follows:
         1. Run the command *cmd* as an administrator.
         2. Type the following command: *net stop MySQL57*
            1. Naturally, it may have a different name if you SQL version is older/newer than the one I’m using.
   4. Please note we are using the setting as they are. These settings are by no means secure (having a root account with no password). However, it should be sufficient for testing purposes.
3. In modules, click open for  **MySQL Administration : PhpMyAdmin 4.7.0.**
   1. Click the Databases tab.
   2. Provide a database name, for example, Problem3 (from HWK 2 solution).
   3. You can use the other features to help manage your MySQL database. I will focus, however, on doing stuff via the web page.
4. To access your webpage, go to the IP address 127.0.0.1.
   1. You will see the contents of the folder C:\Program Files (x86)\EasyPHP-Devserver-17\eds-www (default installation path). If you want to go ahead and develop your own page, create a file called index.php instead.
   2. See the included index.php file and other files for more details. These files must all be included in the eds-www directory.
   3. An important note is that keywords need to be surrounded by backticks. For example, Name needs to be `Name`. It is probably best to avoid using reserved keywords (Status is another one).
   4. Also note that you may need to specify the database name as the “use *database*;” construct may not exactly work.
5. Note that you can use PhpMyAdmin to see the results of your queries on your tables under the Databases tab.
6. As a sample query, you can type the following in the webpage textarea:

*show databases;*

*select \**

*from problem3.course;*