Hello all,

I know that there was a lot of frustration and confusion with the local servers. I wish there was a magic button to make it all work, but, sadly, there isn't and these kind of software issues plague even the most experienced developers. (Don't even get me started on the software you need for mobile app development!). Hopefully, the following step by step instructional list will help solve many of your problems. If, after you have gone through every step, there are still problems, email me right away. I don't want anyone to get bogged down in server drama and have your learning experience spoiled.

1. Download local server
   a. As mentioned in class, PC users will be using WAMP.
      i. http://www.wampserver.com/en/
      ii. Scroll down. Download either (64 Bits & PHP 5.3) OR (32 Bits & PHP 5.3).
         1. To determine which bits version you need. Go to Start->Control Panel->System and Maintenance->System.
         2. Look for system type
      iii. Once you have gone through all the installation screens, there should be a W in the lower right corner of your screen, by the clock.
      iv. Click on the W and choose "Start all services" or "Go online".
      v. If your W does not turn Green or Pink after that, please email me right away and I will send you possible fixes.
   b. And Mac users will be using MAMP.
      i. http://www.mamp.info/en/downloads/index.html
      ii. Download 2.0.5 if you have Lion, 1.9.6.1 if you have Snow Leopard or lower
      iii. You will get both MAMP and MAMP Pro, you don't ever need to mess with MAMP PRO, but download it all the same.
      iv. Once you go through all the installation screens (Make sure to install it in your Applications folder), open up the MAMP folder, double click on the elephant icon.
      v. Open Start Page.
      vi. If you cannot Open Start Page, please email me right away and I will send you possible fixes.
2. Download practice files
   a. Go to https://github.com/izzyjohnston/gdi-php-mvc
   b. To download the finished product, click on the ZIP button, mid-screen.
   c. To download each classes files, click on branch (slightly below the ZIP button) and choose the proper class name.
   d. Once you have downloaded and unzipped the files
      i. If you are on a PC, go to your C:/ drive, find the folder wamp, find the folder www. Put the files into the www folder.
      ii. If you are on a Mac, go to Applications->MAMP->htdocs, Put the files in the htdocs folder
   e. If you want to, feel free to make a folder for each class' files in the www or htdocs folder and put the corresponding files in the folders. (i.e. class1, class2, class3, class4, completed)
3. Upload database file to get data
   a. Go to PHPMyAdmin
      i. If you are on a PC, click on the W and go to phpMyAdmin.
      ii. If you are on a Mac, Open Start Page, click on phpMyAdmin.
   b. In the middle of the page, there is a field to create a new database. I named my database gdi_php_mvc.
   c. Once you have created your database, it will appear on the left.
   d. Click on the database name.
   e. In the tabs in the middle of the screen, click on import.
   f. Click on choose file.

g. Navigate to where you saved the practice files. Go to the folder db.

h. Choose the file gdi_php_mvc_05192012.sql

i. Click on Go.

j. On the left should appear two table names "Bloggers" and "Posts".

4. Change default settings to match your setup

a. In the practice files (now saved in www or htdocs), open up config->config.php in your text editor.

i. If you did not name your database the same thing as I did, change gdi_php_mvc to your database's name on this line

1. define('DATABASE_NAME', 'gdi_php_mvc');

ii. If you are on a PC, change 'root' to '' on this line

1. define('DATABASE_PASSWORD', 'root');

iii. If you put your practice files into a folder inside htdocs or www, add your folder name to the following lines:

1. include_all_php($_SERVER['DOCUMENT_ROOT'].'/'.'application/models'); BECOMES
include_all_php($_SERVER['DOCUMENT_ROOT'].'/folder_name_here/'.'application/models');

2. include_all_php($_SERVER['DOCUMENT_ROOT'].'/'.'application/controllers'); BECOMES
include_all_php($_SERVER['DOCUMENT_ROOT'].'/folder_name_here/'.'application/controllers');

b. If you put your practice files into a folder inside htdocs or www, open up application->views->template->header.php

i. Change each of the three lines to

1. <link rel = 'stylesheet' href='/ folder_name_here /public/css/style.css'>

2. <script src='/folder_name_here/public/js/jquery.min.js' type='text/javascript'></script>

3. <script src='/ folder_name_here /public/js/global.js' type = 'text/javascript'></script>

5. Text Editors

The following are really good text editors. I am personally using PHPStorm
PHPStorm (paid but license is below), TextWrangler(Mac), Notepad++ (PC), Aptana, jEdit
PHPStorm License
Username:
Girl Develop It
License:
430681-13102011
00001PJbfAtir1E1ooSKfrNzynJxXg
dX5sOQKnfukmHecrv4MwlXSfTDgxZn
5svG5fCEF!65HqyM3Md"iHbH"wuLNt