**ITC 250/CPET 499 Web Systems**

**Oct. 26, 2017**

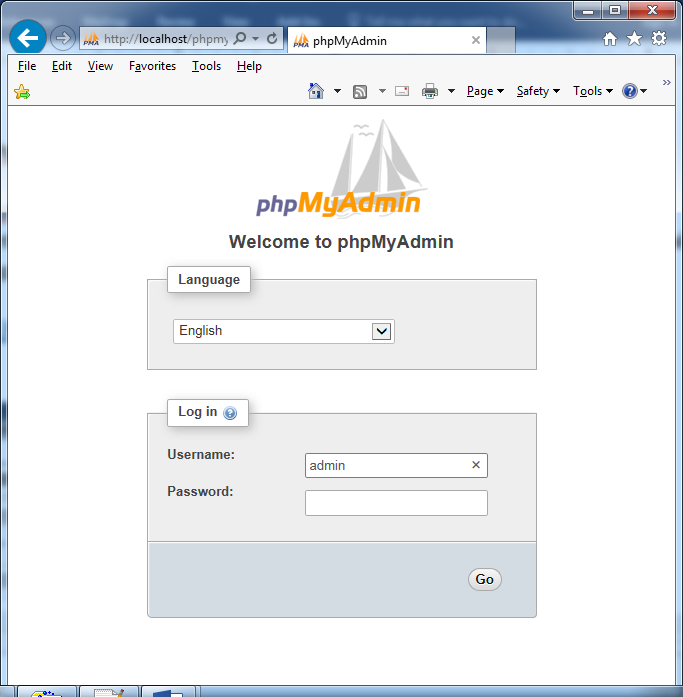
**phpMyAdmin Console and MySQL Database**

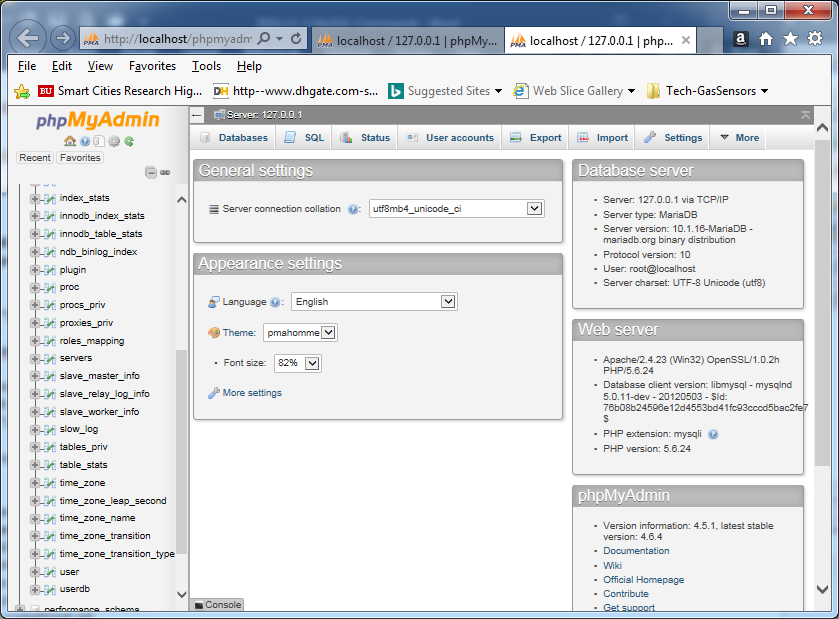
How to Manage MySQL using phpMyAdmin, <https://www.siteground.com/tutorials/phpmyadmin/>

* Database Management Tasks: create, alter, drop, delete, import, export MySQL database tables
* Run MySQL queries, optimize, repair and check tables, etc

**Login to phpMyAdmin:** [**http://localhost/phpmyadmin**](http://localhost/phpmyadmin)

1. If no users have been setup, use “admin”, with no password to login





**How to set phpMyAdmin password on XAMPP server**

1. **Login to phpMyAdmin without Password:**
2. **Go to c:\xampp\phpMyAdmin” and find “config.inc.php” file**
3. **Use a text editor such as “Notepad++”**

**Change: $cfg['Servers'][$i]['auth\_type'] = 'config'**

**TO: $cfg['Servers'][$i]['auth\_type'] = 'cookie'**

<?php

/\*

\* This is needed for cookie based authentication to encrypt password in

\* cookie

\*/

$cfg['blowfish\_secret'] = 'xampp'; /\* YOU SHOULD CHANGE THIS FOR A MORE SECURE COOKIE AUTH! \*/

/\*

\* Servers configuration

\*/

$i = 0;

/\*

\* First server

\*/

$i++;

/\* Authentication type and info \*/

**$cfg['Servers'][$i]['auth\_type'] = 'cookie'; //was: 'config'**

$cfg['Servers'][$i]['user'] = 'root';

$cfg['Servers'][$i]['password'] = **''; // change it to your password**

$cfg['Servers'][$i]['extension'] = 'mysqli';

$cfg['Servers'][$i]['AllowNoPassword'] = true;

$cfg['Lang'] = '';

/\* Bind to the localhost ipv4 address and tcp \*/

$cfg['Servers'][$i]['host'] = '127.0.0.1';

$cfg['Servers'][$i]['connect\_type'] = 'tcp';

/\* User for advanced features \*/

$cfg['Servers'][$i]['controluser'] = 'pma';

$cfg['Servers'][$i]['controlpass'] = '';

/\* Advanced phpMyAdmin features \*/

$cfg['Servers'][$i]['pmadb'] = 'phpmyadmin';

$cfg['Servers'][$i]['bookmarktable'] = 'pma\_\_bookmark';

$cfg['Servers'][$i]['relation'] = 'pma\_\_relation';

$cfg['Servers'][$i]['table\_info'] = 'pma\_\_table\_info';

$cfg['Servers'][$i]['table\_coords'] = 'pma\_\_table\_coords';

$cfg['Servers'][$i]['pdf\_pages'] = 'pma\_\_pdf\_pages';

$cfg['Servers'][$i]['column\_info'] = 'pma\_\_column\_info';

$cfg['Servers'][$i]['history'] = 'pma\_\_history';

$cfg['Servers'][$i]['designer\_coords'] = 'pma\_\_designer\_coords';

$cfg['Servers'][$i]['tracking'] = 'pma\_\_tracking';

$cfg['Servers'][$i]['userconfig'] = 'pma\_\_userconfig';

$cfg['Servers'][$i]['recent'] = 'pma\_\_recent';

$cfg['Servers'][$i]['table\_uiprefs'] = 'pma\_\_table\_uiprefs';

$cfg['Servers'][$i]['users'] = 'pma\_\_users';

$cfg['Servers'][$i]['usergroups'] = 'pma\_\_usergroups';

$cfg['Servers'][$i]['navigationhiding'] = 'pma\_\_navigationhiding';

$cfg['Servers'][$i]['savedsearches'] = 'pma\_\_savedsearches';

$cfg['Servers'][$i]['central\_columns'] = 'pma\_\_central\_columns';

$cfg['Servers'][$i]['designer\_settings'] = 'pma\_\_designer\_settings';

$cfg['Servers'][$i]['export\_templates'] = 'pma\_\_export\_templates';

$cfg['Servers'][$i]['favorite'] = 'pma\_\_favorite';

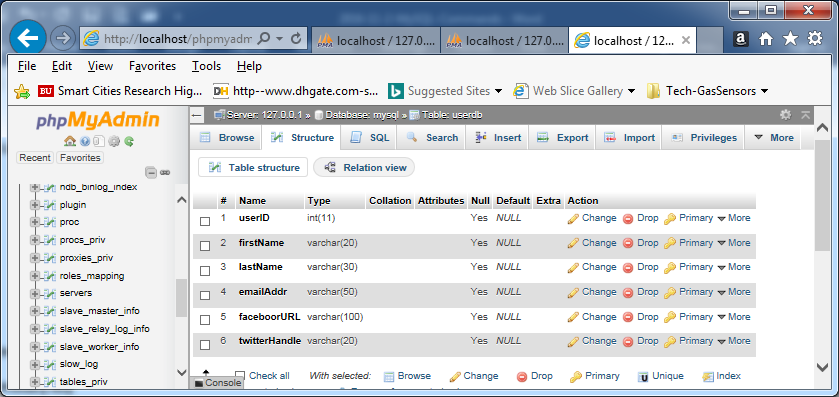
/\*

\* End of servers configuration

**\*/**

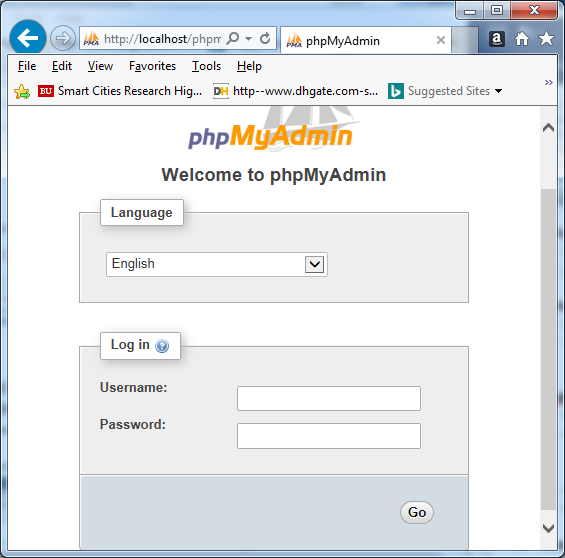
**?>**

**View Data Tables from phpMyAdmin**

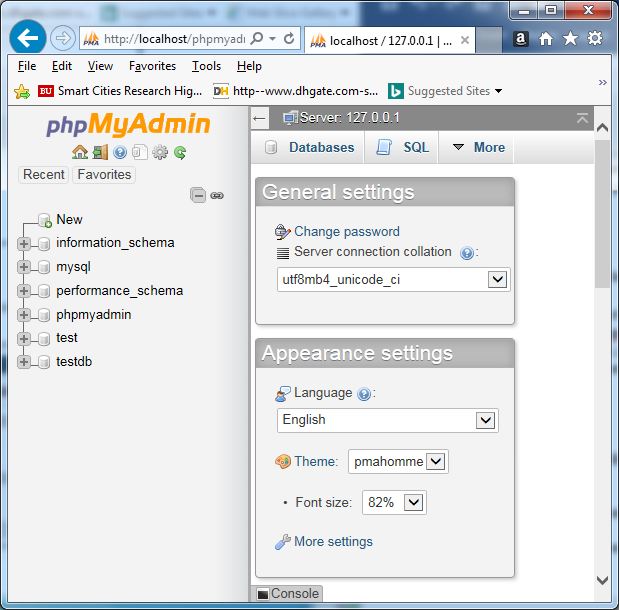


**C) phpMyAdmin Password**

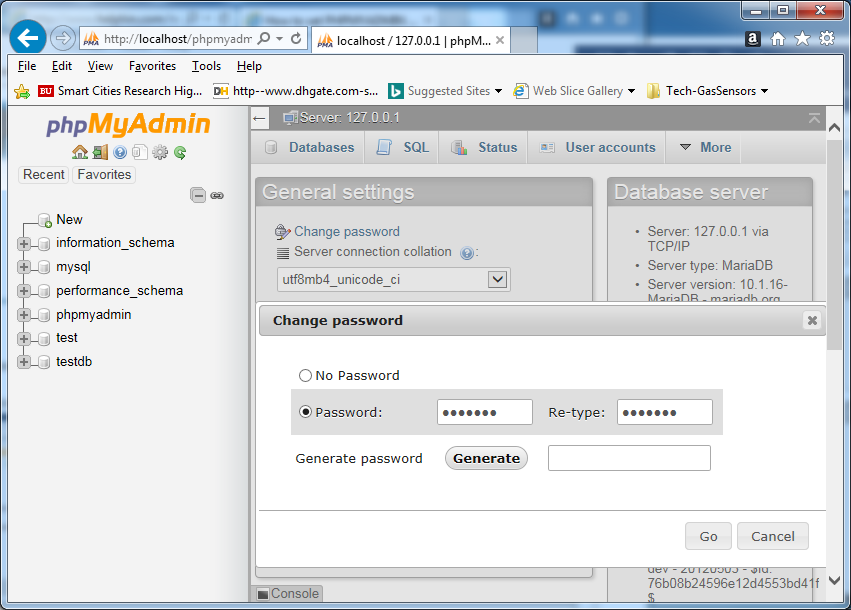
* + Go to “c:\xampp\phpMyAdmin” directory and find “Config.inc.php” file
  + Open Config.inc.php with a text editor:
    - Change: $cfg[‘Servers’][$a][‘auth\_type’]=’config’
    - To: $cfg[‘Servers’][$a][‘auth\_type’]=’cookie’
  + Save the file
  + Open a web browser: <http://localhost/phpmyadmin/>

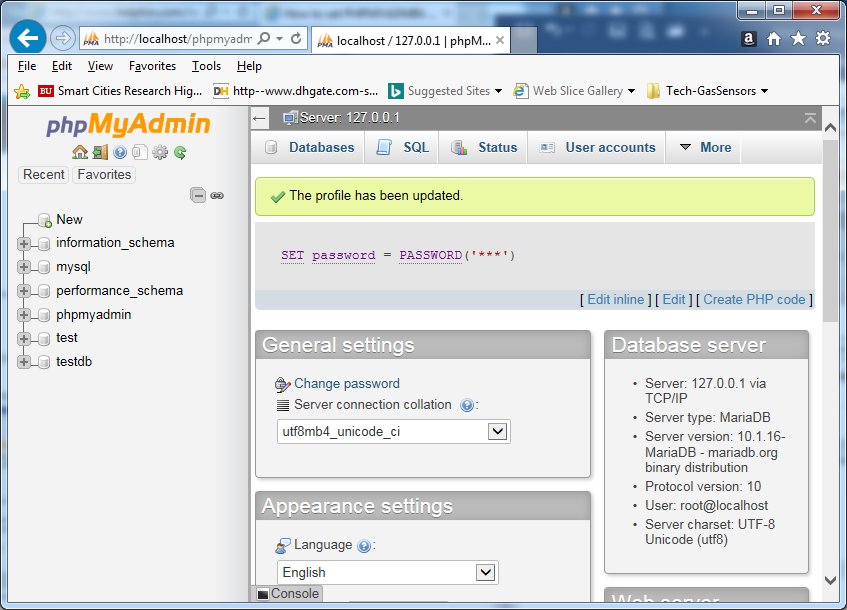


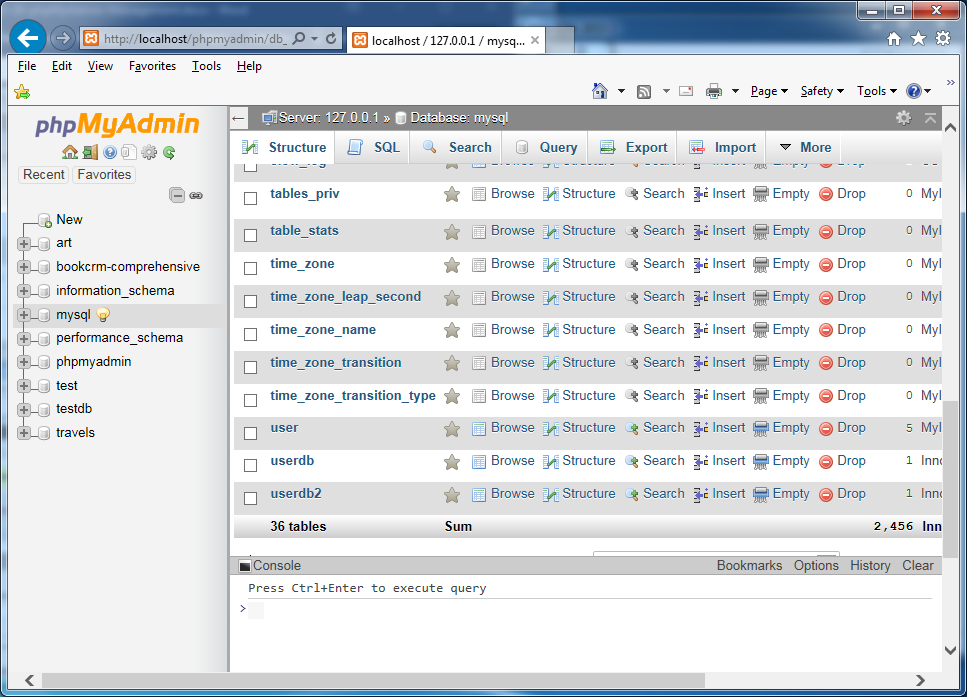
* + **Enter “root” in Username**
  + **Leave Password Null, press Go button**



* **Click “Change password”**
* **Enter “your\_new\_password”, Reenter, Hit “Go”**

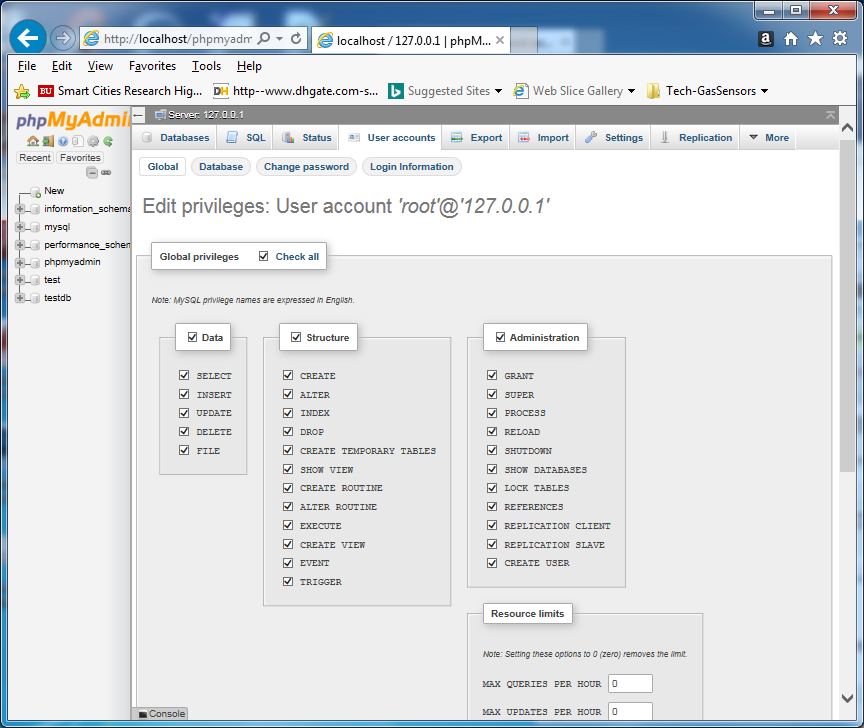




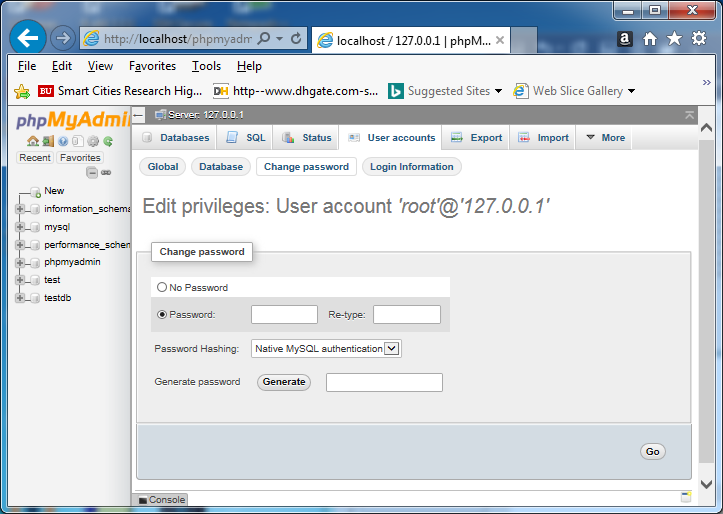


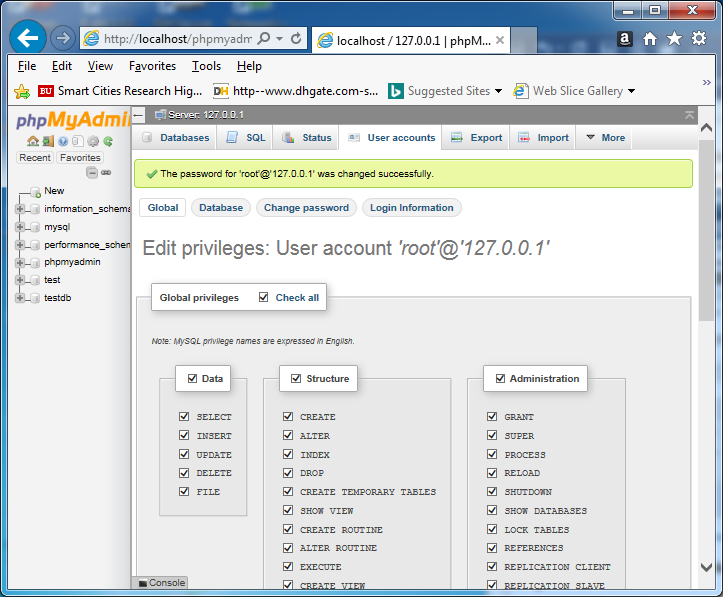
**D) MySQL Password**

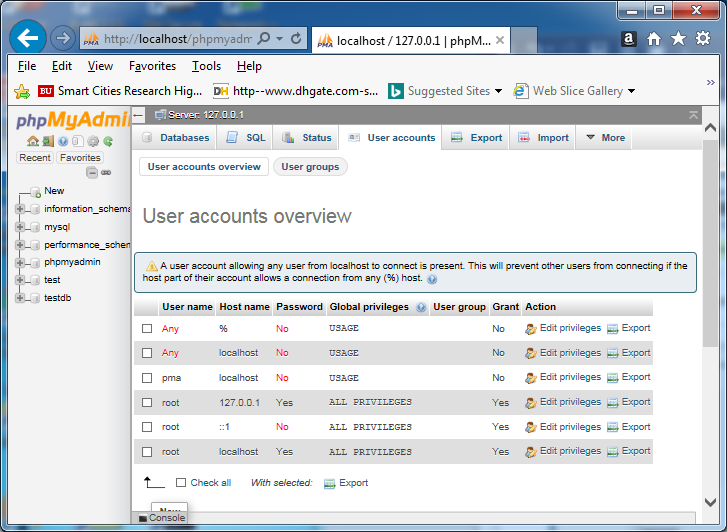
* **Click on “User accounts”**
* **Click on “Edit privileges”: root 127.0.0.1**



* **Under “User accounts”, Click on “Change password”, to see another Dialog box**
* **Enter “your\_new\_password”**
* **The password for ‘root’@’127.0.0.1’ was changed successfully**







**E) Grant Other Users to Access Database**

* **From the Shell connect to MySQL as an Administrator**

**> mysql –u root –p mysql**

* **On the mysql prompt, you type**

**> grant all privileges on DATA\_BASE\_NAME.\* to USERNAME@localhost identified by ‘PASSWORD’;**

**> flush privileges;**

**>\q**

1. **Planning Database Table**

* **Data Tables**
* **Entity of a Table**
* **ID (AUTO\_INCREMENT, PRIMARY KEY)**
* **Constraints: NOT NULL**

**Customer/User Info Table**

* **User ID**
* **First Name**
* **Last Name**
* **Email Address**
* **Street Address**
* **State**
* **Country**
* **Browser Type**
* **Computer Type**