

# Database Connection Test

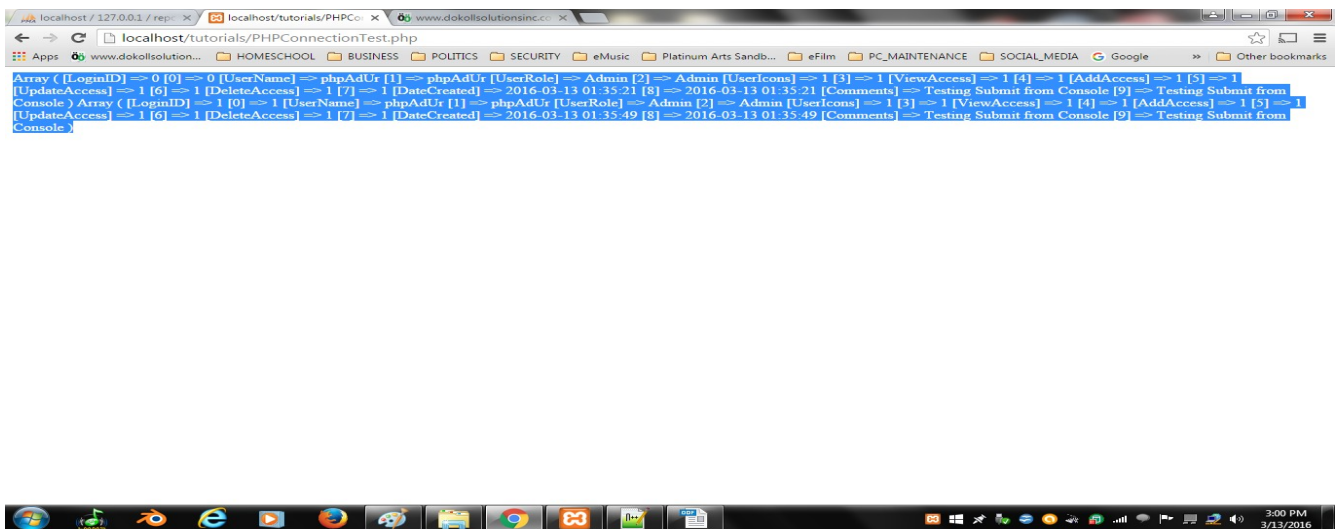
## MySQL and PHP 7

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2016.03.13.1.35.PM

### System Requirements:

1. Xampp
2. Notepad++



the root password works now, since we are using PDO connection format...

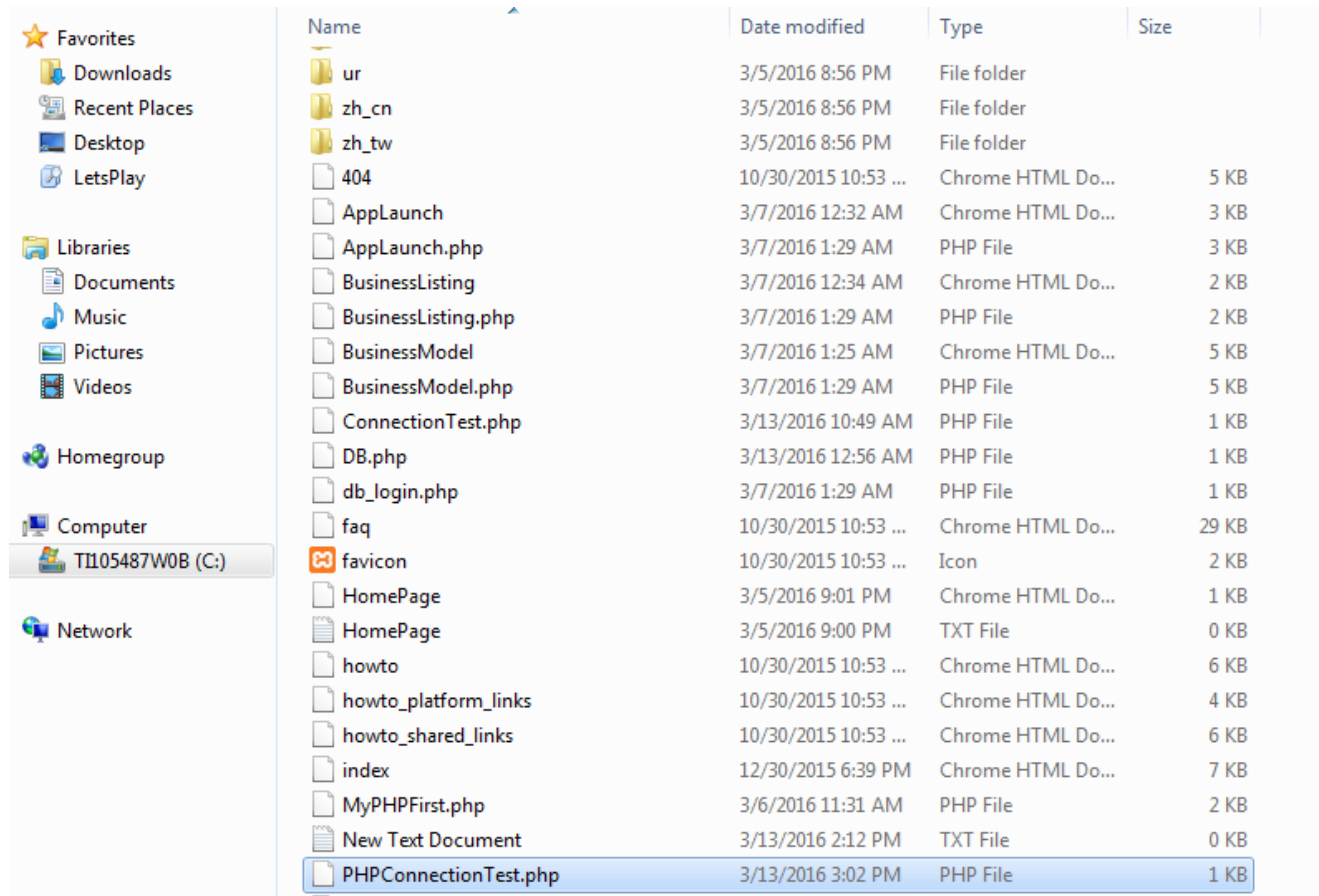
+++++>>

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### Stepping through what goes here:

1. Changed Root Password
2. Restarted MySQL Server
3. Ran PHP Code Sample

## Here are screenshots



Name	Date modified	Type	Size
ur	3/5/2016 8:56 PM	File folder	
zh_cn	3/5/2016 8:56 PM	File folder	
zh_tw	3/5/2016 8:56 PM	File folder	
404	10/30/2015 10:53 ...	Chrome HTML Do...	5 KB
AppLaunch	3/7/2016 12:32 AM	Chrome HTML Do...	3 KB
AppLaunch.php	3/7/2016 1:29 AM	PHP File	3 KB
BusinessListing	3/7/2016 12:34 AM	Chrome HTML Do...	2 KB
BusinessListing.php	3/7/2016 1:29 AM	PHP File	2 KB
BusinessModel	3/7/2016 1:25 AM	Chrome HTML Do...	5 KB
BusinessModel.php	3/7/2016 1:29 AM	PHP File	5 KB
ConnectionTest.php	3/13/2016 10:49 AM	PHP File	1 KB
DB.php	3/13/2016 12:56 AM	PHP File	1 KB
db_login.php	3/7/2016 1:29 AM	PHP File	1 KB
faq	10/30/2015 10:53 ...	Chrome HTML Do...	29 KB
favicon	10/30/2015 10:53 ...	Icon	2 KB
HomePage	3/5/2016 9:01 PM	Chrome HTML Do...	1 KB
HomePage	3/5/2016 9:00 PM	TXT File	0 KB
howto	10/30/2015 10:53 ...	Chrome HTML Do...	6 KB
howto_platform_links	10/30/2015 10:53 ...	Chrome HTML Do...	4 KB
howto_shared_links	10/30/2015 10:53 ...	Chrome HTML Do...	6 KB
index	12/30/2015 6:39 PM	Chrome HTML Do...	7 KB
MyPHPFirst.php	3/6/2016 11:31 AM	PHP File	2 KB
New Text Document	3/13/2016 2:12 PM	TXT File	0 KB
PHPConnectionTest.php	3/13/2016 3:02 PM	PHP File	1 KB

the above screen can be achieved by going to the following path on our computer, your directory may be different **/dashboards/** as one example

**<c:/xampp/htdocs/tutorials/>**

See subsequent screenshots, for editing code to ensure proper connection string is set to reach MySQL database back-end

Name	Date modified	Type	Size
ur	3/5/2016 8:56 PM	File folder	
zh_cn	3/5/2016 8:56 PM	File folder	
zh_tw	3/5/2016 8:56 PM	File folder	
404	10/30/2015 10:53 ...	Chrome HTML Do...	5 KB
AppLaunch	3/7/2016 12:32 AM	Chrome HTML Do...	3 KB
AppLaunch.php	3/7/2016 1:29 AM	PHP File	3 KB
BusinessListing	3/7/2016 12:34 AM	Chrome HTML Do...	2 KB
BusinessListing.php	3/7/2016 1:29 AM	PHP File	2 KB
BusinessModel	3/7/2016 1:25 AM	Chrome HTML Do...	5 KB
BusinessModel.p		PHP File	5 KB
ConnectionTest.		PHP File	1 KB
DB.php		PHP File	1 KB
db_login.php		PHP File	1 KB
faq		Chrome HTML Do...	29 KB
favicon		Icon	2 KB
HomePage		Chrome HTML Do...	1 KB
HomePage		TXT File	0 KB
howto		Chrome HTML Do...	6 KB
howto_platform		Chrome HTML Do...	4 KB
howto_shared_lir		Chrome HTML Do...	6 KB
index		Chrome HTML Do...	7 KB
MyPHPFirst.php		PHP File	2 KB
New Text Docum		TXT File	0 KB
PHPConnectionTest.php	3/13/2016 3:02 PM	PHP File	1 KB
phpinfo.php	10/30/2015 10:53 ...	PHP File	1 KB
XamppTest	3/5/2016 8:58 PM	Chrome HTML Do...	7 KB

est.php	Date modified: 3/13/2016 3:02 PM	Date created: 3/13/2016 10:53 AM
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## Use of Notepad++

For this exercise, we are using Notepad++ software to edit PHP code, a quick search in Google or other search engines should reveal a link to download and install-

```
*C:\xampp\htdocs\tutorials\PHPConnectionTest.php - Notepad++ [Administrator]
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
my.ini PHPConnectionTest.php
1 <?php
2
3 /*
4 Connection Support, Courtesy: http://stackoverflow.com/questions/17823189/how-do-i-use-mysql-through-xampp
5 Config: Courtesy http://stackoverflow.com/questions/30594962/sqlstatehy000-1045-access-denied-for-user-rootlocalhost-using-password
6 */
7 $dbuser = 'root';
8 $dbpass = 'YourPassword';
9 try {
10 $dbh = new PDO('mysql:host=localhost;dbname=reports_charts_db', $dbuser, $dbpass);
11 foreach($dbh->query('SELECT * from dokusr_web_items') as $row) {
12     print_r($row);
13 }
14 $dbh = null;
15 } catch (PDOException $e) {
16     print "Error!: " . $e->getMessage() . "<br/>";
17     die();
18 }
19 ?>
```

## Related Info (PDO):

[http://wiki.hashphp.org/PDO\\_Tutorial\\_for\\_MySQL\\_Developers](http://wiki.hashphp.org/PDO_Tutorial_for_MySQL_Developers)

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```
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```
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```

```
*/
```

```
$dbuser = 'root';
```

```
$dbpass = 'YourPassword';
```

```
try {
```

```
$dbh = new PDO('mysql:host=localhost;dbname=reports_charts_db', $dbuser, $dbpass);
```

```
foreach($dbh->query('SELECT * from dokusr_web_items') as $row) {  
    print_r($row);
```

```
}  
$dbh = null;  
} catch (PDOException $e) {  
    print "Error!: " . $e->getMessage() . "<br/>";  
    die();  
}  
?>
```

**IMPORTANT:**

You may have noticed with PHP 7 it is preferred to use PDO as opposed to mysql\_connect to manage a connection- If you are stuck, and are using PHP 7, simply modify your PHP code to reflect the above format; you may also need to reboot MySQL instance to arrive at a successful connection.

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