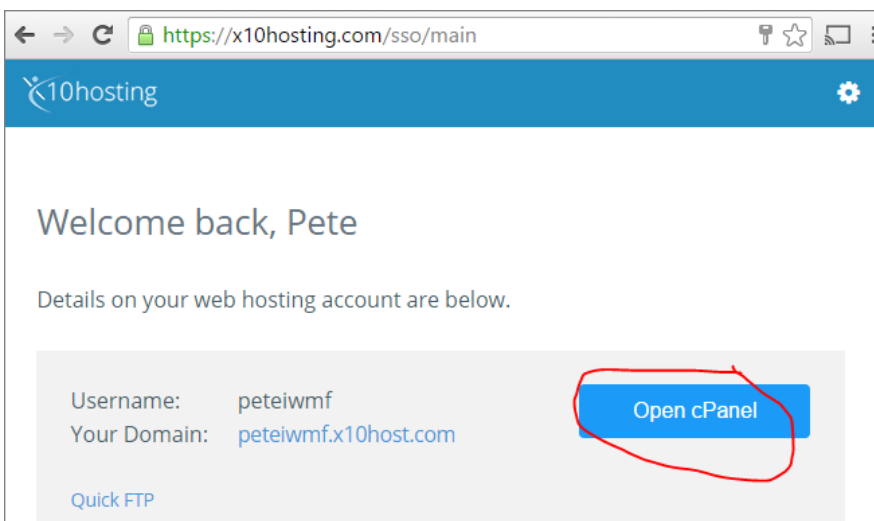
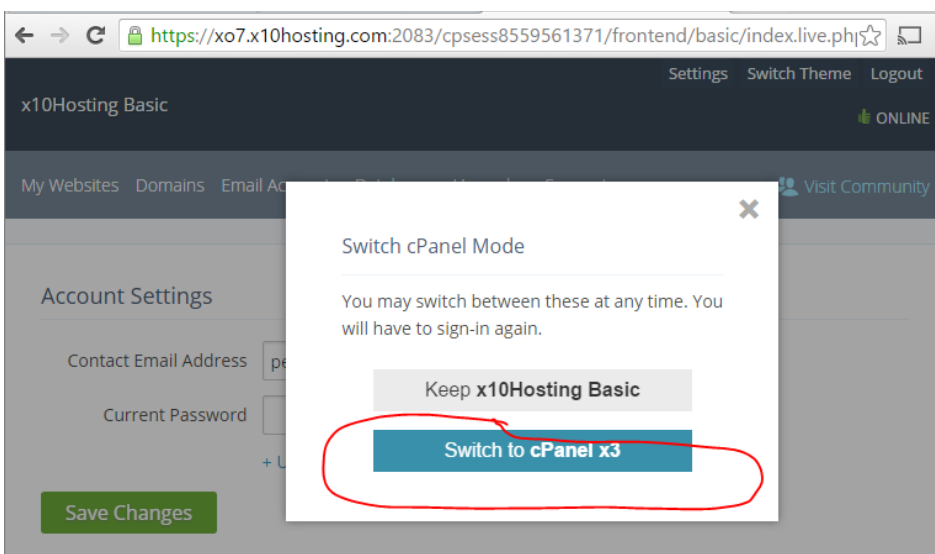
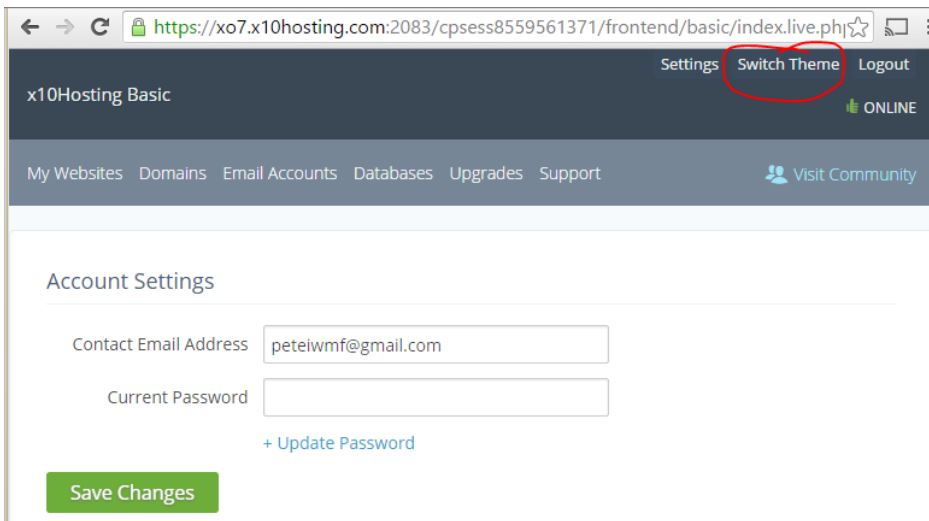


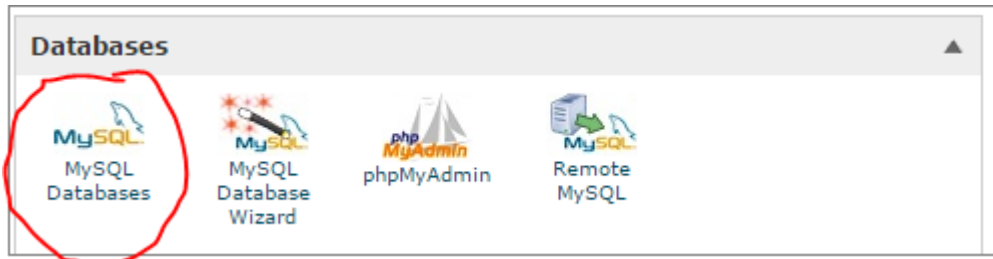
STEP 1: go to x10hosting.com and create an account; take note of your domain name (mine was peteiwmf.x10host.com)

STEP 2: go to your CPANEL in x10hosting (if you wish, you can switch to a more user-friendly theme – click on “switch theme” in the upper right, and click on “Switch to Cpanel X3”. You may have to log in again. Then, click “Open cpanel”.

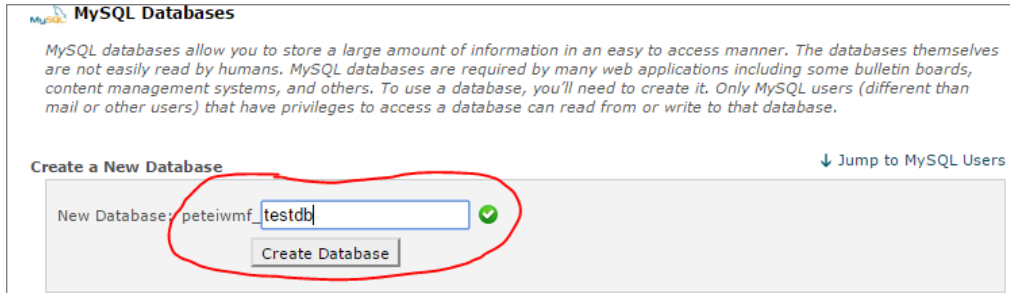


STEP 3: Create your database and a user and assign that user to the database.

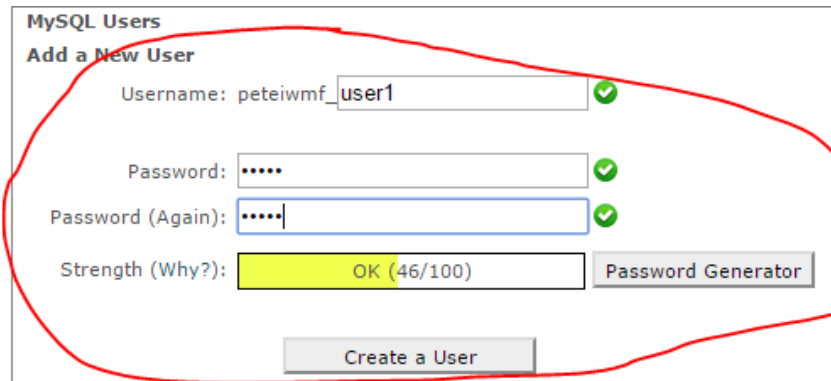
- a. First, scroll down and click on the “MySQL Databases” icon. Then



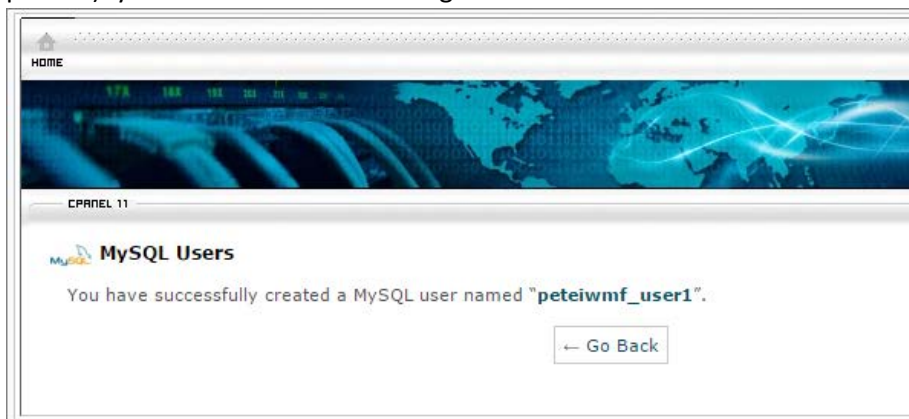
- b. Enter the name for your new database on the next screen.



- c. Scroll down and create a new user.



- d. After you click the “Create a User” button, the screen will refresh (this will take a few seconds...be patient)..you’ll then see the following:



- e. Click “go back” and then scroll down to add the user to your database (default settings will show the database you created and the user you created) – select the appropriate database and user and click the “ADD” button:

Add a User to a Database

User:

Database:

Current Users

USERS	ACTIONS
peteiwmf_user1	<input type="button" value="Set Password"/> <input type="button" value="Rename"/> <input type="button" value="Delete"/>

- f. On the next screen, select the privileges you wish to grant for that user (as a quick default, you can select all, and click the “make changes” button)

MySQL Account Maintenance

Manage User Privileges

User: peteiwmf_user1
Database: peteiwmf_testdb

☐ **ALL PRIVILEGES**

<input type="checkbox"/> ALTER	<input type="checkbox"/> ALTER ROUTINE
<input type="checkbox"/> CREATE	<input type="checkbox"/> CREATE ROUTINE
<input type="checkbox"/> CREATE TEMPORARY TABLES	<input type="checkbox"/> CREATE VIEW
<input type="checkbox"/> DELETE	<input type="checkbox"/> DROP
<input type="checkbox"/> EVENT	<input type="checkbox"/> EXECUTE
<input type="checkbox"/> INDEX	<input type="checkbox"/> INSERT
<input type="checkbox"/> LOCK TABLES	<input type="checkbox"/> REFERENCES
<input type="checkbox"/> SELECT	<input type="checkbox"/> SHOW VIEW
<input type="checkbox"/> TRIGGER	<input type="checkbox"/> UPDATE

- g. You'll get a confirming message on that screen; click “go back” to return to your CPANEL screen. Once there, you'll see your database and the user that is assigned to it:

MySQL Databases

MySQL databases allow you to store a large amount of information in an easy to access manner. The databases themselves are not easily read by humans. MySQL databases are required by many web applications including some bulletin boards, content management systems, and others. To use a database, you'll need to create it. Only MySQL users (different than mail or other users) that have privileges to access a database can read from or write to that database.

[Jump to MySQL Users](#)

Create a New Database

New Database:

Modify Databases

Check a Database:

Repair a Database:

Current Databases

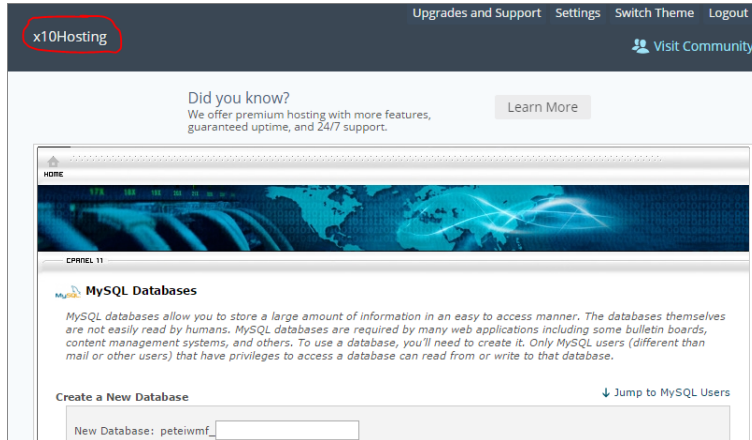
Search

DATABASE	SIZE	PRIVILEGED USERS	ACTIONS
peteiwmf_testdb	0.00 MB	peteiwmf_user1	<input type="button" value="Rename"/> <input type="button" value="Delete"/>

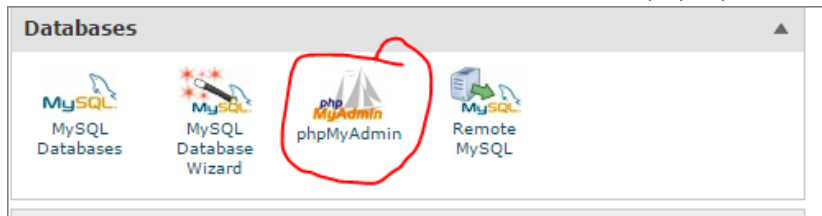
Page: Per Page:

STEP 3: CREATE A TABLE IN YOUR DATABASE

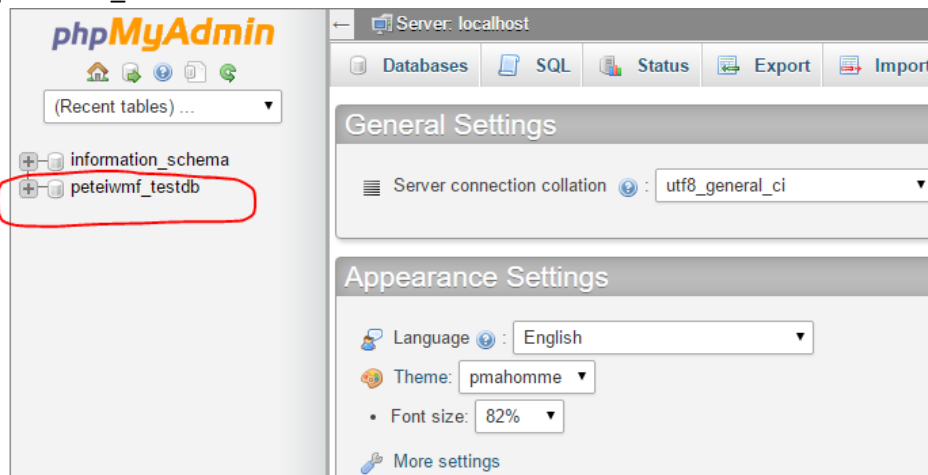
- a. Go back to the CPANEL screen (click the x10hosting icon in the upper left)



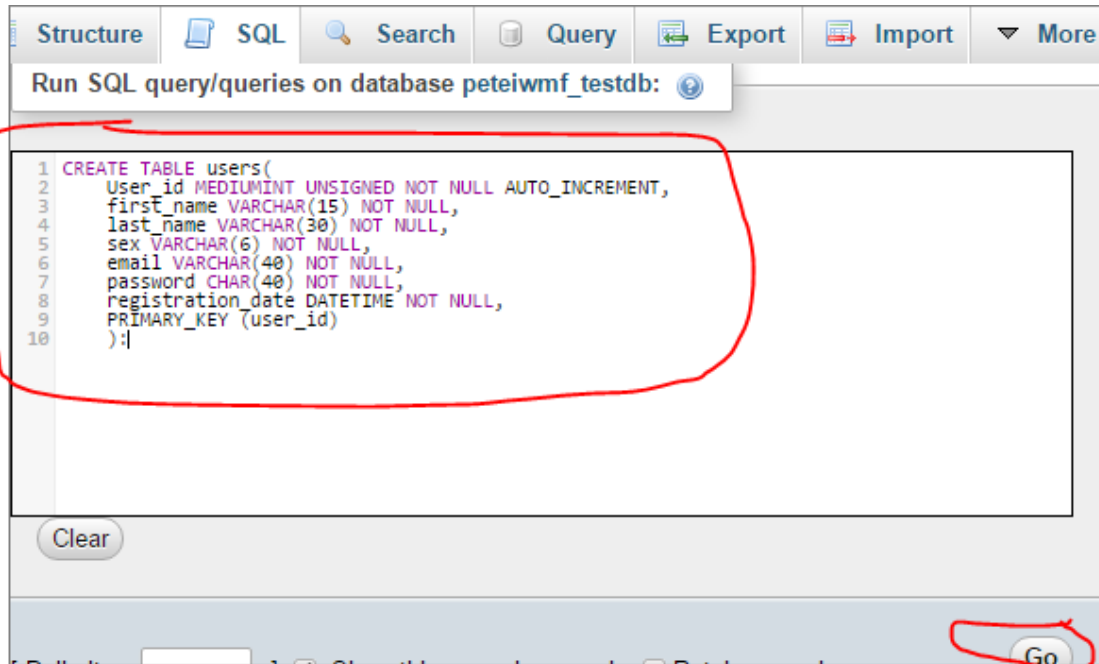
- b. Scroll down to the Databases section and click on the phpMyAdmin icon:



- c. On the phpMyAdmin screen, in the left-hand column, click on your database name (in this example, it's peteiwmf_testdb)



- d. On the next screen, click SQL and enter the SQL code to create your table (called users) and click GO:



NOTE – the SQL CODE is:

```
CREATE TABLE users(  
  User_id MEDIUMINT UNSIGNED NOT NULL AUTO_INCREMENT ,  
  first_name VARCHAR( 15 ) NOT NULL ,  
  last_name VARCHAR( 30 ) NOT NULL ,  
  sex VARCHAR( 6 ) NOT NULL ,  
  email VARCHAR( 40 ) NOT NULL ,  
  PASSWORD CHAR( 40 ) NOT NULL ,  
  registration_date DATETIME NOT NULL ,  
  PRIMARY KEY ( User_id )  
);
```

STEP 4: Write your PHP code to utilize and access your database and table:

- a. File #1 – login.php (make sure to use your x10host account prefix both the database name and the username)

```
<?php //login.php  
$db_hostname = 'localhost';  
$db_database = 'peteiwmf_testdb';  
$db_username = 'peteiwmf_user1';  
$db_password = 'cs334';  
  
//connect to server  
$db_server = mysql_connect($db_hostname, $db_username, $db_password)  
  or die("Unable to connect to MySQL: ".mysql_error());  
  
//select the database  
mysql_select_db($db_database)  
  or die("Unable to select database: ".mysql_error());  
  
?>
```

b. File #2 – content.php:

```
<body>

<div id="wrapper">-- begin main wrapper-->
  <section id="top area">
    <article class="box-right">
      <form action="script.php" method="post">
        <p>
          <label>First Name:</label>
          <input name="first_name" required="required" placeholder="John" type="text">
        </p>
        <p>
          <label>Last Name:</label>
          <input name="last_name" required="required" placeholder="Doe" type="text">
        </p>
        <p>
          <label>Gender:</label>
          <input type="radio" name="sex" value="male" checked="checked" /><label>male</label>
          <input type="radio" name="sex" value="female" checked="checked" /><label>female</label>
        </p>
        <p>
          <label>Your Mail:</label>
          <input name="email" required="required" placeholder="random@mail.com" type="email">
        </p>
        <p>
          <label>Password:</label>
          <input name="password" required="required" placeholder="eg. X8df190EO" type="password">
        </p>
        <p>
          <input value="Submit" type="submit">
        </p>
      </form>
    </article>
  </section>
</div><!-- END MAIN WRAPPER -->

</body>
```

c. File #3: data.php:

```
<?php //data.php
require_once 'login.php';

//Get values from form
$Fname = $_POST['first_name'];
$Lname = $_POST['last_name'];
$sex = $_POST['sex'];
$email = $_POST['email'];
$password = $_POST['password'];

//insert data into mysql
$sql = "INSERT INTO users(first_name, last_name, sex, email, password, registration_date)
VALUES ('$Fname','$Lname','$sex','$email', SHA1('$password'), NOW())";

$result=mysql_query($sql);

//if successfully insert data into database, displays message "successful".
if($result) {
  header('Location: ../thankyou.php');
}
else {
  echo "ERROR";
}
```

```

}

//close mysql
mysql_close();
?>

```

d. File #4: thankyou.php

```

<!DOCTYPE html>
<html>
<head>
</head>
<body>

<div id="wrapper"><!--begin main wrapper -->

<!-- TOP area -->
<section id="top_area">

<article class="box-right-thank-you">
  <h2>
  Thank you,
  </h2>
  <p>
  Your details are bieng processed.
  </p>
  <footer class="article_foot"></footer>
</article>

</section>
<!-- end top area -->

</div><!-- end main wrapper -->

</body>
</html>

```

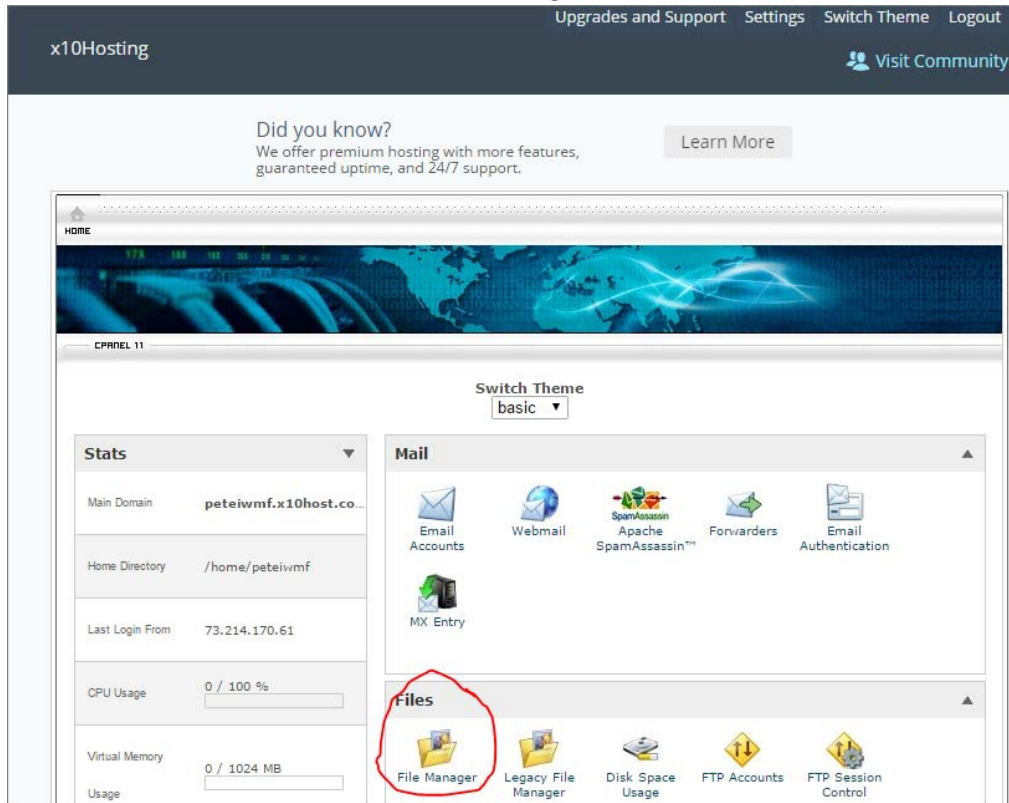
e. Note – data.php and login.php are to be placed in a folder called script:

```

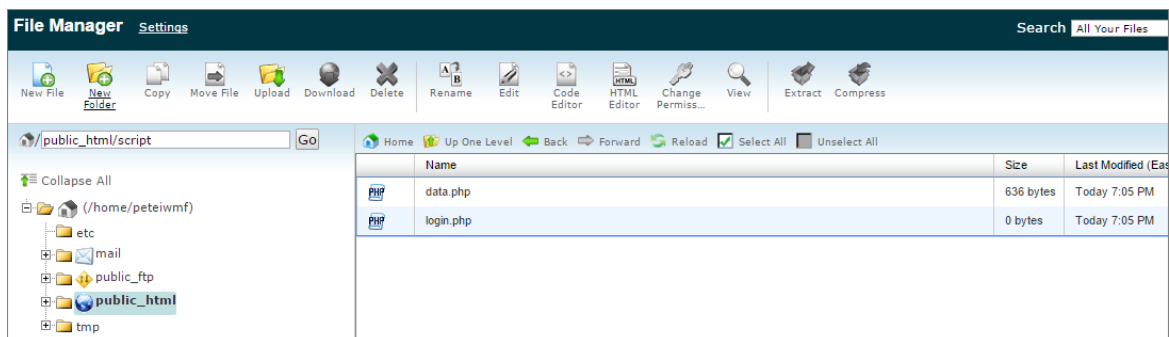
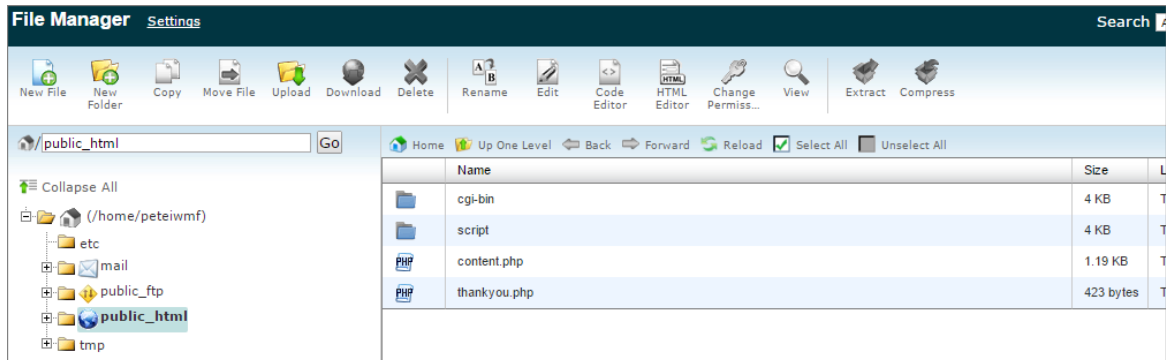
Home directory → content.php
                 thankyou.php
                 script directory → data.php
                                   login.php

```

- f. Upload your php code into your x10hosting space. In the CPANEL on your x10hosting home screen, scroll down to the Files section and click on the File Manager icon:



- g. Make sure you're in your public_html directory, and upload the files accordingly. You'll have something like:



STEP 5: test what you've now created – go to a web browser and enter the appropriate URL for your x10space and your php file. In my example here, the URL is <http://www.peteiwmf.x10host.com/content.php>. Once you enter the data on the content.php form page, you should get the following result:

