Notes from using this code- many students using mac have some kind of difficulty - some do - some don’t. To fix it this is what some students have done it the past

* Ignore the advice of the video an dput the mysqi\_connect.php in the same folder(htdocs) as the other code
* In the getstudent code - modify the line

require\_once('../mysqli\_connect.php'); to be require\_once(‘./mysqli\_connect.php'); - difference being the one dot is missing in the code you would use if you have trouble on a Mac. have to be honest- absolutely no idea why it seems to work this way

Use a texteditor - I used atom - very easy to create and save in appropriate folders.

Call file mysqli\_connect.php - save in the xampp folder

<?php

// Opens a connection to the database

// Since it is a php file it won't open in a browser

// It should be saved outside of the main web documents folder

// and imported when needed

// Defined as constants so that they can't be changed

DEFINE ('DB\_USER', 'root');

DEFINE ('DB\_PASSWORD', 'password');<------------ use your password

DEFINE ('DB\_HOST', 'localhost');

DEFINE ('DB\_NAME', 'project');<----------- use the database name you created student table in

// $dbc will contain a resource link to the database

// @ keeps the error from showing in the browser

$dbc = @mysqli\_connect(DB\_HOST, DB\_USER, DB\_PASSWORD, DB\_NAME)

OR die('Could not connect to MySQL: ' .

mysqli\_connect\_error());

?>

Save code below as getstudent.php in the htdocs folder in xampp

<?php

// Get a connection for the database

require\_once('../mysqli\_connect.php');

// Create a query for the database

$query = "SELECT first\_name, last\_name, email, street, city, state, zip,

phone, birth\_date FROM student";

// Get a response from the database by sending the connection

// and the query

$response = @mysqli\_query($dbc, $query);

// If the query executed properly proceed

if($response){

echo '<table align="left"

cellspacing="5" cellpadding="8">

<tr><td align="left"><b>First Name</b></td>

<td align="left"><b>Last Name</b></td>

<td align="left"><b>Email</b></td>

<td align="left"><b>Street</b></td>

<td align="left"><b>City</b></td>

<td align="left"><b>State</b></td>

<td align="left"><b>Zip</b></td>

<td align="left"><b>Phone</b></td>

<td align="left"><b>Birth Day</b></td></tr>';

// mysqli\_fetch\_array will return a row of data from the query

// until no further data is available

while($row = mysqli\_fetch\_array($response)){

echo '<tr><td align="left">' .

$row['first\_name'] . '</td><td align="left">' .

$row['last\_name'] . '</td><td align="left">' .

$row['email'] . '</td><td align="left">' .

$row['street'] . '</td><td align="left">' .

$row['city'] . '</td><td align="left">' .

$row['state'] . '</td><td align="left">' .

$row['zip'] . '</td><td align="left">' .

$row['phone'] . '</td><td align="left">' .

$row['birth\_date'] . '</td><td align="left">';

echo '</tr>';

}

echo '</table>';

} else {

echo "Couldn't issue database query<br />";

echo mysqli\_error($dbc);

}

// Close connection to the database

mysqli\_close($dbc);

?>

Save code below as addstudent.php in htdocs folder in xampp

<html>

<head>

<title>Add Student</title>

</head>

<body>

<form action="http://localhost:1234/studentadded.php" method="post">

<b>Add a New Student</b>

<p>First Name:

<input type="text" name="first\_name" size="30" value="" />

</p>

<p>Last Name:

<input type="text" name="last\_name" size="30" value="" />

</p>

<p>Email:

<input type="text" name="email" size="30" value="" />

</p>

<p>Street:

<input type="text" name="street" size="30" value="" />

</p>

<p>City:

<input type="text" name="city" size="30" value="" />

</p>

<p>State (2 Characters):

<input type="text" name="state" size="30" maxlength="2" value="" />

</p>

<p>Zip Code:

<input type="text" name="zip" size="30" maxlength="5" value="" />

</p>

<p>Phone Number:

<input type="text" name="phone" size="30" value="" />

</p>

<p>Birth Date (YYYY-MM-DD):

<input type="text" name="birth\_date" size="30" value="" />

</p>

<p>Sex (M or F):

<input type="text" name="sex" size="30" maxlength="1" value="" />

</p>

<p>Lunch Cost:

<input type="text" name="lunch" size="30" value="" />

</p>

<p>

<input type="submit" name="submit" value="Send" />

</p>

</form>

</body>

</html>

Save below in a file called studentadded.php in htdocs folder in xampp

<html>

<head>

<title>Add Student</title>

</head>

<body>

<?php

if(isset($\_POST['submit'])){

$data\_missing = array();

if(empty($\_POST['first\_name'])){

// Adds name to array

$data\_missing[] = 'First Name';

} else {

// Trim white space from the name and store the name

$f\_name = trim($\_POST['first\_name']);

}

if(empty($\_POST['last\_name'])){

// Adds name to array

$data\_missing[] = 'Last Name';

} else{

// Trim white space from the name and store the name

$l\_name = trim($\_POST['last\_name']);

}

if(empty($\_POST['email'])){

// Adds name to array

$data\_missing[] = 'Email';

} else {

// Trim white space from the name and store the name

$email = trim($\_POST['email']);

}

if(empty($\_POST['street'])){

// Adds name to array

$data\_missing[] = 'Street';

} else {

// Trim white space from the name and store the name

$street = trim($\_POST['street']);

}

if(empty($\_POST['city'])){

// Adds name to array

$data\_missing[] = 'City';

} else {

// Trim white space from the name and store the name

$city = trim($\_POST['city']);

}

if(empty($\_POST['state'])){

// Adds name to array

$data\_missing[] = 'State';

} else {

// Trim white space from the name and store the name

$state = trim($\_POST['state']);

}

if(empty($\_POST['zip'])){

// Adds name to array

$data\_missing[] = 'Zip Code';

} else {

// Trim white space from the name and store the name

$zip = trim($\_POST['zip']);

}

if(empty($\_POST['phone'])){

// Adds name to array

$data\_missing[] = 'Phone Number';

} else {

// Trim white space from the name and store the name

$phone = trim($\_POST['phone']);

}

if(empty($\_POST['birth\_date'])){

// Adds name to array

$data\_missing[] = 'Birth Date';

} else {

// Trim white space from the name and store the name

$b\_date = trim($\_POST['birth\_date']);

}

if(empty($\_POST['sex'])){

// Adds name to array

$data\_missing[] = 'Sex';

} else {

// Trim white space from the name and store the name

$sex = trim($\_POST['sex']);

}

if(empty($\_POST['lunch'])){

// Adds name to array

$data\_missing[] = 'Lunch Cost';

} else {

// Trim white space from the name and store the name

$lunch = trim($\_POST['lunch']);

}

if(empty($data\_missing)){

require\_once('../mysqli\_connect.php');

$query = "INSERT INTO student (first\_name, last\_name, email,

street, city, state, zip, phone, birth\_date, sex, date\_entered,

lunch\_cost, student\_id) VALUES (?, ?, ?,

?, ?, ?, ?, ?, ?, ?, NOW(), ?, NULL)";

$stmt = mysqli\_prepare($dbc, $query);

mysqli\_stmt\_bind\_param($stmt, "ssssssisssd", $f\_name,

$l\_name, $email, $street, $city,

$state, $zip, $phone, $b\_date,

$sex, $lunch);

mysqli\_stmt\_execute($stmt);

$affected\_rows = mysqli\_stmt\_affected\_rows($stmt);

if($affected\_rows == 1){

echo 'Student Entered';

mysqli\_stmt\_close($stmt);

mysqli\_close($dbc);

} else {

echo 'Error Occurred<br />';

echo mysqli\_error();

mysqli\_stmt\_close($stmt);

mysqli\_close($dbc);

}

} else {

echo 'You need to enter the following data<br />';

foreach($data\_missing as $missing){

echo "$missing<br />";

}

}

}

?>

<form action="http://localhost:1234/studentadded.php" method="post">

<b>Add a New Student</b>

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</p>

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</p>

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</p>

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<p>State (2 Characters):

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</p>

<p>Zip Code:

<input type="text" name="zip" size="30" maxlength="5" value="" />

</p>

<p>Phone Number:

<input type="text" name="phone" size="30" value="" />

</p>

<p>Birth Date (YYYY-MM-DD):

<input type="text" name="birth\_date" size="30" value="" />

</p>

<p>Sex (M or F):

<input type="text" name="sex" size="30" maxlength="1" value="" />

</p>

<p>Lunch Cost:

<input type="text" name="lunch" size="30" value="" />

</p>

<p>

<input type="submit" name="submit" value="Send" />

</p>

</form>

</body>

</html>