*Edson Sanchez* ITI-3400 Database Programming

**Book-O-Rama part #2**

1. Name of PHP source file connects to the book\_sc database?

**The name of the PHP source file that connects to the book\_sc database is db\_fns.php.**

1. List the four parameters in the statement that connects to book\_sc?

**mysqli('localhost', 'book\_sc', 'password', 'book\_sc')**

**The first parameter specifies the server name, the second parameter is the username, the third parameter is the password, and the last parameter is the name of the database to connect to.**

**Book-O-Rama part #3**

1. Name of PHP source file contains the code to insert an order?

**The name of the PHP source file that contains the code to insert an order is the file order\_fns.php.**

1. The contents of the entire PHP source that inserts IP address to orders?

<?php

function process\_card($card\_details) {

// connect to payment gateway or

// use gpg to encrypt and mail or

// store in DB if you really want to

return true;

}

function insert\_order($order\_details) {

// extract order\_details out as variables

extract($order\_details);

// set shipping address same as address

if((!$ship\_name) && (!$ship\_address) && (!$ship\_city) && (!$ship\_state) && (!$ship\_zip) && (!$ship\_country)) {

$ship\_name = $name;

$ship\_address = $address;

$ship\_city = $city;

$ship\_state = $state;

$ship\_zip = $zip;

$ship\_country = $country;

}

$conn = db\_connect();

// we want to insert the order as a transaction

// start one by turning off autocommit

$conn->autocommit(FALSE);

// insert customer address

$query = "select customerid from customers where

name = '".$conn->real\_escape\_string($name) ."' and address = '". $conn->real\_escape\_string($address)."'

and city = '".$conn->real\_escape\_string($city)."' and state = '".$conn->real\_escape\_string($state)."'

and zip = '".$conn->real\_escape\_string($zip)."' and country = '".$conn->real\_escape\_string($country)."'";

$result = $conn->query($query);

if($result->num\_rows>0) {

$customer = $result->fetch\_object();

$customerid = $customer->customerid;

} else {

$query = "insert into customers values

('', '" . $conn->real\_escape\_string($name) ."','" . $conn->real\_escape\_string($address) .

"','". $conn->real\_escape\_string($city) ."','". $conn->real\_escape\_string($state) .

"','". $conn->real\_escape\_string($zip) ."','". $conn->real\_escape\_string($country)."')";

$result = $conn->query($query);

if (!$result) {

return false;

}

}

$customerid = $conn->insert\_id;

$date = date("Y-m-d");

// gets IP address from user

$ip = $\_SERVER['REMOTE\_ADDR'];

$query = "insert into orders values

('', '". $conn->real\_escape\_string($customerid) . "', '". $conn->real\_escape\_string($\_SESSION['total\_price']) .

"', '". $conn->real\_escape\_string($date) ."', 'PARTIAL',

'" . $conn->real\_escape\_string($ship\_name) . "', '" . $conn->real\_escape\_string($ship\_address) .

"', '". $conn->real\_escape\_string($ship\_city)."', '" . $conn->real\_escape\_string($ship\_state) ."',

'". $conn->real\_escape\_string($ship\_zip) . "', '". $conn->real\_escape\_string($ship\_country). "', '". $conn->real\_escape\_string($ip)."')";

$query = "insert into orders values

('', '". $conn->real\_escape\_string($customerid) . "', '". $conn->real\_escape\_string($\_SESSION['total\_price']) .

"', '". $conn->real\_escape\_string($date) ."', 'PARTIAL',

'" . $conn->real\_escape\_string($ship\_name) . "', '" . $conn->real\_escape\_string($ship\_address) .

"', '". $conn->real\_escape\_string($ship\_city)."', '" . $conn->real\_escape\_string($ship\_state) ."',

'". $conn->real\_escape\_string($ship\_zip) . "', '". $conn->real\_escape\_string($ship\_country)."')";

$result = $conn->query($query);

if (!$result) {

return false;

}

$query = "select orderid from orders where

customerid = '". $conn->real\_escape\_string($customerid)."' and

amount > (".(float)$\_SESSION['total\_price'] ."-.001) and

amount < (". (float)$\_SESSION['total\_price']."+.001) and

date = '".$conn->real\_escape\_string($date)."' and

order\_status = 'PARTIAL' and

ship\_name = '".$conn->real\_escape\_string($ship\_name)."' and

ship\_address = '".$conn->real\_escape\_string($ship\_address)."' and

ship\_city = '".$conn->real\_escape\_string($ship\_city)."' and

ship\_state = '".$conn->real\_escape\_string($ship\_state)."' and

ship\_zip = '".$conn->real\_escape\_string($ship\_zip)."' and

ship\_country = '".$conn->real\_escape\_string($ship\_country)."'";

$result = $conn->query($query);

if($result->num\_rows>0) {

$order = $result->fetch\_object();

$orderid = $order->orderid;

} else {

return false;

}

// insert each book

foreach($\_SESSION['cart'] as $isbn => $quantity) {

$detail = get\_book\_details($isbn);

$query = "delete from order\_items where

orderid = '". $conn->real\_escape\_string($orderid)."' and isbn = '". $conn->real\_escape\_string($isbn)."'";

$result = $conn->query($query);

$query = "insert into order\_items values

('". $conn->real\_escape\_string($orderid) ."', '". $conn->real\_escape\_string($isbn) .

"', ". $conn->real\_escape\_string($detail['price']) .", " . $conn->real\_escape\_string($quantity). ")";

$result = $conn->query($query);

if(!$result) {

return false;

}

}

// end transaction

$conn->commit();

$conn->autocommit(TRUE);

return $orderid;

}

?>