

Zahra Bayati

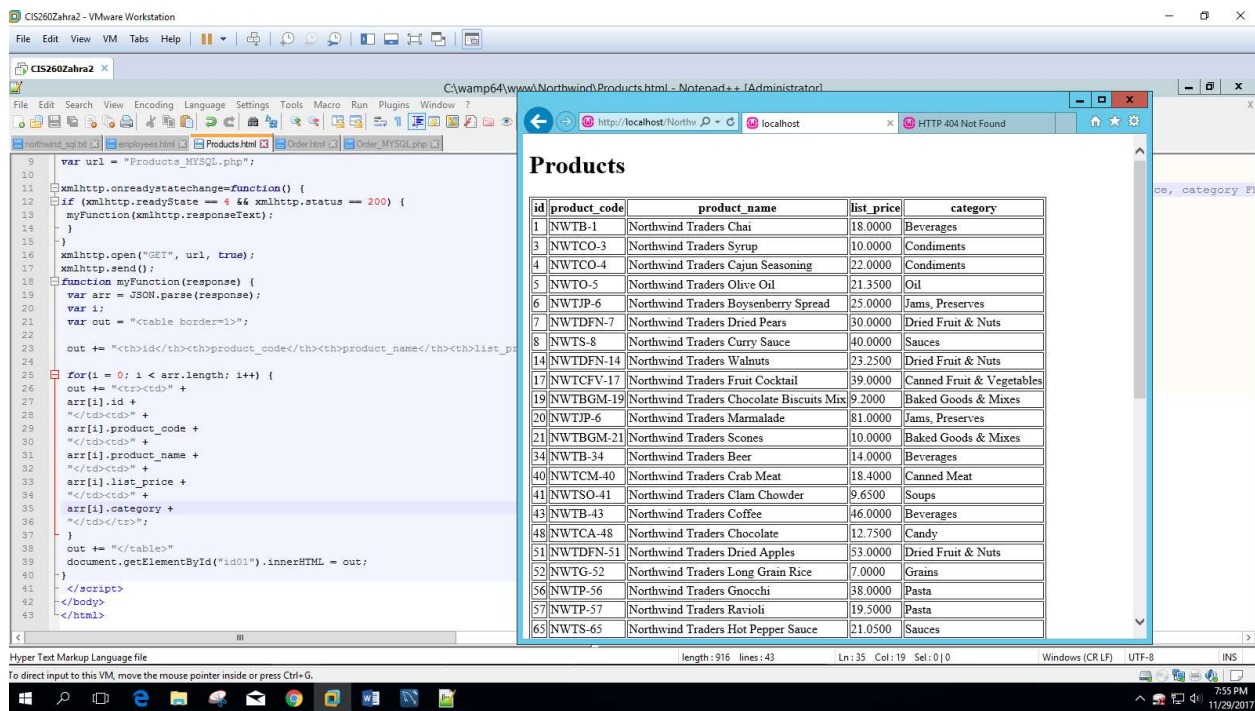
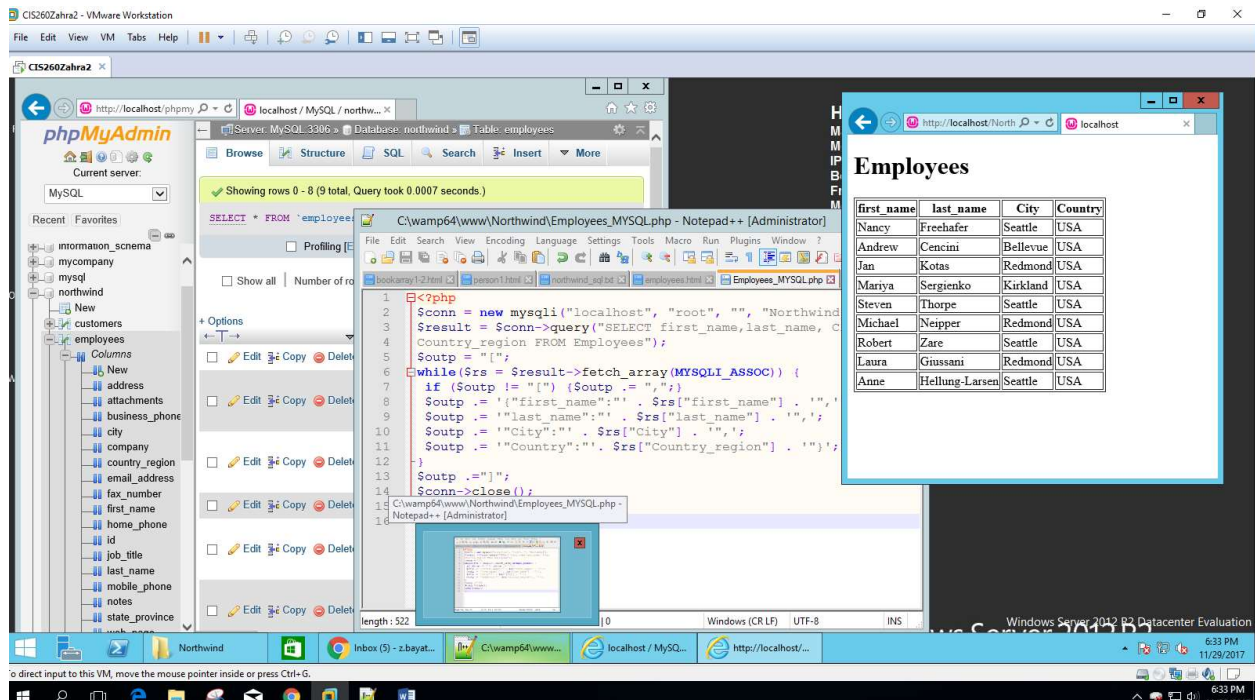
CIS260 – Chapter 11

AJAX and JSON

How to create Northwind database in MySQL server

The screenshot shows a VMware Workstation window titled 'CIS260Zahra2 - VMware Workstation'. Inside the VM, a Windows desktop is visible with a taskbar containing icons for 'json', 'Inbox (5) - z.bayat...', 'C:\Users\Adminis...', 'C:\wamp64\www...', and 'localhost / MySQL...'. The browser window is open to 'http://localhost:phpmyadmin/sql.php?server=1&db=northwind&ta...'. The phpMyAdmin interface shows the 'northwind' database selected. The 'employees' table is selected, and the 'Structure' tab is active. The table structure is as follows:

id	company	last_name	first_name	email_address	job_title	business_phone	home_phone	mobile_phone	fax_number	address	city
1	Northwind Traders	Freehafer	Nancy	nancy@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	NULL	(123)555-0103	123 1st Avenue	Seattle
2	Northwind Traders	Cencini	Andrew	andrew@northwindtraders.com	Vice President, Sales	(123)555-0100	(123)555-0102	NULL	(123)555-0103	123 2nd Avenue	Bellevue
3	Northwind Traders	Kotas	Jan	jan@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	NULL	(123)555-0103	123 3rd Avenue	Redmond
4	Northwind Traders	Sergienko	Mariya	mariya@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	NULL	(123)555-0103	123 4th Avenue	Kirkland
5	Northwind Traders	Thorpe	Steven	steven@northwindtraders.com	Sales Manager	(123)555-0100	(123)555-0102	NULL	(123)555-0103	123 5th Avenue	Seattle
6	Northwind Traders	Neipper	Michael	michael@northwindtraders.com	Sales Representative	(123)555-0100	(123)555-0102	NULL	(123)555-0103	123 6th Avenue	Redmond



CIS260Zahra2 - VMware Workstation

File Edit View VM Tabs Help

C:\wamp64\www\Northwind\Orders.html - Notepad++ [Administrator]

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window Help

northwind.sql.txt employees.html Products.html Order_MYSQL.php

```
1 <?php
2 $conn = new mysqli("localhost", "root", "", "Northwind");
3 $result = $conn->query("SELECT Orders.id, employee_id, order_date, first_name, last_name FROM Orders");
4 echo ($conn->error);
5 $outp = "";
6 while($res = $result->fetch_array(MYSQLI_ASSOC)) {
7     if ($outp != "" || ($outp == "")) {
8         $outp .= '{"orders_id":"' . $res["id"] . '","';
9         $outp .= "employee_id":"' . $res["employee_id"] . '","';
10        $outp .= "order_date":"' . $res["order_date"] . '","';
11        $outp .= "first_name":"' . $res["first_name"] . '","';
12        $outp .= "last_name":"' . $res["last_name"] . '","';
13    }
14    $outp .= "},";
15    $conn->close();
16    echo ($outp);
17 }
18 ?>
```

JSON Arrays - Google Chrome

Orders

order.id	employee_id	order_date	first_name	last_name
undefined	1	2006-03-24 00:00:00	Nancy	Freehafer
undefined	1	2006-03-24 00:00:00	Nancy	Freehafer
undefined	1	2006-03-24 00:00:00	Nancy	Freehafer
undefined	1	2006-03-24 00:00:00	Nancy	Freehafer
undefined	1	2006-04-07 00:00:00	Nancy	Freehafer
undefined	1	2006-04-05 00:00:00	Nancy	Freehafer
undefined	1	2006-05-24 00:00:00	Nancy	Freehafer
undefined	1	2006-05-24 00:00:00	Nancy	Freehafer
undefined	1	2006-05-24 00:00:00	Nancy	Freehafer
undefined	1	2006-05-24 00:00:00	Nancy	Freehafer
undefined	1	2006-06-07 00:00:00	Nancy	Freehafer
undefined	1	2006-06-05 00:00:00	Nancy	Freehafer
undefined	2	2006-04-03 00:00:00	Andrew	Cencini
undefined	2	2006-06-23 00:00:00	Andrew	Cencini
undefined	2	2006-04-25 17:03:55	Andrew	Cencini
undefined	2	2006-04-25 17:26:53	Andrew	Cencini
undefined	3	2006-01-20 00:00:00	Jan	Kotas
undefined	3	2006-02-10 00:00:00	Jan	Kotas
undefined	3	2006-03-22 00:00:00	Jan	Kotas
undefined	3	2006-04-22 00:00:00	Jan	Kotas
undefined	3	2006-04-12 00:00:00	Jan	Kotas
undefined	3	2006-05-24 00:00:00	Jan	Kotas

To direct input to this VM, move the mouse pointer inside or press Ctrl+G.

8:34 PM 11/29/2017