Sujin Ryu
CIS260
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Chapter 16 Exercise 2

Customers

Company A	Seattle	USA 123	1st Street
Company B	Boston	USA 123	2nd Street
Company C	Los Angelas	USA 123	3rd Street
Company D	New York	USA 123	4th Street
Company E	Minneapolis	USA 123	5th Street
Company F	Milwaukee	USA 123	6th Street
Company G	Boise	USA 123	7th Street
Company H	Portland	USA 123	8th Street
Company I	Salt Lake City	USA 123	9th Street
Company J	Chicago	USA 123	10th Street
Company K	Miami	USA 123	11th Street
Company L	Las Vegas	USA 123	12th Street
Company M	Memphis	USA 456	13th Street
Company N	Denver	USA 456	14th Street
Company O	Honolulu	USA 456	15th Street
Company P	San Francisco	USA 456	16th Street
Company Q	Seattle	USA 456	17th Street
Company R	Boston	USA 456	18th Street
Company S	Los Angelas	USA 789	19th Street
Company T	New York	USA 789	20th Street
Company U	Minneapolis	USA 789	21th Street
Company V	Milwaukee	USA 789	22th Street
Company W	Portland	USA 789	23th Street
Company X	Salt Lake City	USA 789	24th Street
Company Y	Chicago	USA 789	25th Street
Company Z	Miami	USA 789	26th Street
Company AA	Las Vegas	USA 789	27th Street
Company BB	Memphis	USA 789	28th Street
Company CC	Denver	USA 789	29th Street

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json_functions.html ⊠ │ myTutorials.js ⊠ │ myTutorials2.js ⊠ │ config.default.php ⊠ │ Customers.html ⊠ │ Customers_MYSQL.php ⊠

```php
1  <?php
2  $conn = new mysqli("localhost", "root", "", "Northwind");
3  $result = $conn->query("SELECT Company, City, Country_region, address
4  FROM Customers");
5  $outp = "[";
6  while($rs = $result->fetch_array(MYSQLI_ASSOC)) {
7    if ($outp != "[") {$outp .= ",";}
8    $outp .= '{"Name":"' . $rs["Company"] . '",';
9    $outp .= '"City":"' . $rs["City"] . '",';
10   $outp .= '"Country":"'. $rs["Country_region"] . '",';
11   $outp .= '"Address":"'. $rs["address"] . '"}';
12  }
13  $outp .="]";
14  $conn->close();
15  echo($outp);
16  ?>
```

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json_functions.html   myTutorials.js   myTutorials2.js   config.default.php   Customers.html   Customers_MYSQL.php

```
 1   <!DOCTYPE html>
 2   <html>
 3   <body>
 4   <h1>Customers</h1>
 5   <div id="id01"></div>
 6   <script>
 7   var xmlhttp = new XMLHttpRequest();
 8   var url = "Customers_MYSQL.php";
 9   xmlhttp.onreadystatechange=function() {
10   if (xmlhttp.readyState == 4 && xmlhttp.status == 200) {
11     myFunction(xmlhttp.responseText);
12     }
13   }
14   xmlhttp.open("GET", url, true);
15   xmlhttp.send();
16   function myFunction(response) {
17     var arr = JSON.parse(response);
18     var i;
19     var out = "<table>";
20     for(i = 0; i < arr.length; i++) {
21     out += "<tr><td>" +
22     arr[i].Name +
23     "</td><td>" +
24     arr[i].City +
25     "</td><td>" +
26     arr[i].Country +
27     "</td><td>"+
28     arr[i].Address+
29     "</td></tr>" ;
30     }
31     out += "</table>"
32     document.getElementById("id01").innerHTML = out;
33   }
34   </script>
35   </body>
36   </html>
```

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