**In-Class Exercise SQL #2: Putting Information into a Database [KEY]**

**(REMEMBER, SUBSTITUTE mxxws WITH YOUR OWN USERNAME.**

**DO NOT USE mxxws!!)**

**Part 2: On Your Own**

1. You just found out that there is a city in Pennsylvania called Kleinfeltersville. So now you’ve reconsidered and want City to allow 45 characters. Modify the Company table and record the appropriate statement below:  
     
   **ALTER TABLE mxxws.Company [with your own username, of course!]**

**CHANGE COLUMN City**

**City VARCHAR(45);**

1. Add another column to the Company table called “Email” with data type VARCHAR(30). Write the statement you used below:  
     
   **ALTER TABLE mxxws.Company**

**ADD COLUMN Email VARCHAR(40);**

1. Now write (and execute) the statement to remove that column from the table:

**ALTER TABLE mxxws.Company  
DROP COLUMN Email;**

**Part 4: On Your Own**

1. Write and execute the statement(s) to add two more companies to the Company table:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CompanyID** | **CompanyName** | **Street** | **City** | **State** | **Zip** |
| 103 | Independence Blue Cr. | 1901 Market St. | Philadelphia | PA | 19103 |
| 104 | Aramark | 1101 Chestnut St. | Philadelphia | PA | 19107 |

**INSERT INTO mxxws.Company  
(CompanyID, CompanyName, Street, City, State, Zip)  
VALUES (103,'Independence Blue Cr.','1901 Market St.','Philadelphia','PA','19103');**

**INSERT INTO mxxws.Company  
(CompanyID, CompanyName, Street, City, State, Zip)  
VALUES (104,'Aramark','1101 Chestnut St.','Philadelphia','PA','19107');**

1. Write and execute the statement(s) to change the Street for Aramark to 1101 Market St.  
     
   **UPDATE mxxws.Company**

**SET Street='1101 Market St.'**

**WHERE CompanyID=104;**

1. Write and execute the statement(s) to change the CompanyName for the record with CompanyID 103 to “Independence Blue Cross” and its Street to “1905 Market St.”  
     
   **UPDATE mxxws.Company**

**SET CompanyName='Independence Blue Cross', Street='1905 Market St.'**

**WHERE CompanyID=103;**  
  
Write and execute the statement(s) to delete Aramark’s record from the table:  
  
**DELETE FROM mxxws.Company WHERE CompanyID=104;**

And finally…

1. Write and execute the SQL SELECT query that displays the entire Company table. Also copy and paste the results below:

**SELECT \* FROM mxxws.Company;**

**Results:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 102 | Verizon Communications | 140 West St. | New York | NY | 10007-1111 |
| 103 | Independence Blue Cross | 1905 Market St. | Philadelphia | PA | 19103 |