

In-Class Exercise: SQL #2

Putting Information into a Database [KEY]

**REMEMBER, SUBSTITUTE m0ws WITH YOUR OWN ID.
DO NOT USE m0ws!!**

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 m0ws.Company                [with your own mx id, of course!]  
CHANGE COLUMN City  
City VARCHAR(45);
```

- 2) Add another column to the Company table called "Email" with data type VARCHAR(30). Write the statement you used below:

```
ALTER TABLE m0ws.Company  
ADD COLUMN Email VARCHAR(30);
```

- 3) Now write (and execute) the statement to remove that column from the table:

```
ALTER TABLE m0ws.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 m0ws.Company  
(CompanyID, CompanyName, Street, City, State, Zip)  
VALUES (103,'Independence Blue Cr.','1901 Market St.','Philadelphia','PA','19103');
```

```
INSERT INTO m0ws.Company  
(CompanyID, CompanyName, Street, City, State, Zip)  
VALUES (104,'Aramark','1101 Chestnut St.','Philadelphia','PA','19107');
```

- 2) Write and execute the statement(s) to change the Street for Aramark to 1101 Market St.

```
UPDATE m0ws.Company  
SET Street='1101 Market St.'  
WHERE CompanyID=104;
```

- 3) 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 m0ws.Company  
SET CompanyName='Independence Blue Cross',Street='1905 Market St.'  
WHERE CompanyID=103;
```

- 4) Write and execute the statement(s) to delete Aramark’s record from the table:

```
DELETE FROM m0ws.Company WHERE CompanyID=104;
```