

Instructions to Setup Customer Table in MySQL Database

The following outlines the steps to create database, create **customer** table and load sample_customer data from a data file. The last statement validates the uploaded data by querying the customer table.

Note:

The assumption is that you have already created the CS413 database from the previous DB Instructions related to creating and populating Employee Table

STEP 1:

Open MySQL Workbench

STEP 2:

- Copy/paste the underlined lines in the workbench
- Select each gp of lines one at a time and click the leftmost 'lightning bolt' icon in the row of icons above the text area of the workbench You should see the result of each execution in the lower part of the workbench

use CS413;

```
CREATE TABLE bank_account (acct_num INT PRIMARY KEY AUTO_INCREMENT,cust_num INT,balance  
FLOAT,create_date VARCHAR(40),last_update_date VARCHAR(40),acct_type VARCHAR(5),od_limit FLOAT,int_rate  
FLOAT);  
commit;
```

```
LOAD DATA INFILE "/private/tmp/bankaccount.csv" INTO TABLE bank_account FIELDS TERMINATED BY ',' LINES  
TERMINATED BY '\n' IGNORE 1 LINES  
(acct_num,cust_num,balance,create_date,last_update_date,acct_type,od_limit,int_rate);  
commit;
```

```
CREATE TABLE Customer (id INT PRIMARY KEY AUTO_INCREMENT,first_name VARCHAR(45),last_name  
VARCHAR(45),email VARCHAR(40),phone VARCHAR(20),sex VARCHAR(10),birthday VARCHAR(20));  
Commit;
```

```
LOAD DATA INFILE "/private/tmp/CustomerData.csv" INTO TABLE customer FIELDS TERMINATED BY ',' LINES  
TERMINATED BY '\n' IGNORE 1 LINES (first_name, last_name, email, phone, sex, birthday) ;  
commit;
```

```
select * from bank_account;
```

```
Select * from customer;
```