Assignment #2

1. **Create the Premiere Product Database with 2 tables using the following specifications:**

   a. At the command for the directory where you have sqlite3.exe, create the database

   ```
   C:\SQLite03>sqlite3 premiere.db
   SQLite version 3.8.8.3 2015-02-25 13:29:11
   Enter ".help" for usage hints.
   sqlite>
   ```

   b. Once in the SQLite shell, create the **CUSTOMER** table and insert all its records

(Note: You can just copy and paste these lines to the sqlite shell)
CUSTOMER Table (10 records):

CREATE TABLE CUSTOMER (CUSTOMER_NUM varchar(3) primary key , CUSTOMER_NAME varchar(35),STREET varchar(15), CITY varchar(15), STATE varchar(2), ZIP varchar (5), BALANCE real, CREDIT_LIMIT real, REP_NUM varchar(2));

Insert into customer values ('148', 'Al''s Appliance and Sport','2837 Greenway', 'Fillmore', 'FL','33336', 6550, 7500, 20);

Here are the rest of the records for the CUSTOMERS table. **Follow the same syntax used in the INSERT above to insert these records.** I suggest you copy and paste them into your INSERT commands to avoid possible errors at this point.
Note the extra single quotes around customer names that use apostrophes.

```
'282',  'Brookings Direct' , '3827 Devon', 'Grove', 'FL',  '33321',  431.5, 10000, '35'
'356',  'Ferguson''s' , '382 Wildwood', 'Northfield', 'FL', '33146',  5785,  7500, '65'
'408',  'The Everything Shop',  '1828 Raven', 'Crystal',  'FL', '33503',  5285.25 , 5000, '35'
'462',  'Bargains Galore', '3829 Central',  'Grove',  'FL', '33321', 3412,  10000, '65'
'524',  'Kline''s', '838 Ridgeland' , 'Fillmore' ,   'FL', '33336', 12762,     15000, '20'
'608',  'Johnson''s Department Store', '372 Oxford',  'Sheldon', 'FL',  '33553',  2106,  10000, '65'
'687',  'Lee''s Sport and Appliance', '282 Evergreen',  'Altonville',  'FL',  '32543',  2851,  5000, '35'
'725',  'Deerfield''s Four Seasons', '282 Columbia',  'Sheldon',  'FL', '33553', 248,  7500, '35'
'842',  'All Season',  '28 Lakeview', 'Grove', 'FL',  '33321' , '8221',  '7500', '20'
```

   c. Once in the sqlite shell, create the **REP** table and insert all its records

CREATE TABLE REP (REP_NUM varchar(2) primary key ,LAST_NAME varchar(15),FIRST_NAME varchar(15), STREET varchar(15) , CITY varchar(15) , STATE varchar(2) ,ZIP varchar(5) , COMMISSION real, RATE real);

insert into rep values('20' ,'Kaiser', 'Valerie', '624 Randall', 'Grove', 'FL','33321', 20542.50, 0.05);
insert into rep values('35', 'Hull' ,'Richard' ,'532 Jackson', 'Sheldon', 'FL', '33553', 39216.00, 0.07);
insert into rep values('65' ,'Perez', 'Juan' ,'1626 Taylor', 'Fillmore', 'FL', '33336', 23487.00, 0.05);

To make it easy for you to see the output you should get, I've pasted screenshots. You'll submit the results of your commands, steps 1 thru 6 listed below:

1. Display the rep number, first name, last name, commission and rate from all the records in the REP table

```
REP_NUM        FIRST_NAME  LAST_NAME   COMMISSION  RATE
-----------    ----------  ----------  ----------  ----------
20             VALERIE     KAISER      20542.5     0.05
35             RICHARD     HULL        39216.0     0.07
65             JUAN        PEREZ       23487.0     0.05
sqlite>
```

2. Display the rep number, first name, last name, commission and rate from all the records in the REP table where the last name is Hull

```
REP_NUM        FIRST_NAME  LAST_NAME   COMMISSION  RATE
-----------    ----------  ----------  ----------  ----------
35             RICHARD     HULL        39216.0     0.07
```

3. Display the rep number, first name, last name, commission and rate from all the records in the REP table where rate is equal to 0.05

```
REP_NUM        FIRST_NAME  LAST_NAME   COMMISSION  RATE
-----------    ----------  ----------  ----------  ----------
20             VALERIE     KAISER      20542.5     0.05
65             JUAN        PEREZ       23487.0     0.05
sqlite>
```

4. Display the customer number, customer name, city, and balance for all the records in the Customer table listed in ascending order by city

```
CUSTOMER_NUM   CUSTOMER_NAME              CITY        BALANCE
-----------    -----------------------    ----------  ----------
687            LEE"S SPORT AND APPLIANCE  ALTONVILLE  2851.0
408            THE EVERYTHING SHOP        CRYSTAL     5285.25
524            KLINE"S                    FILLMORE    12762.0
282            BROOKINGS DIRECT           GROVE       431.5
462            BARGAINS GALORE            GROVE       3412.0
842            ALL SEASON                 GROVE       8221.0
356            FERGUSON"S                 NORTHFIELD  5785.0
608            JOHNSON"S DEPARTMENT STOR  SHELDON     2106.0
725            DEERFIELD"S FOUR SEASONS   SHELDON     248.0
```

5. Display the customer number, customer name and balance for all the records in the Customer table for customers whose balance is greater than 5000 dollars listed in ascending order by balance

```
CUSTOMER_NUM   CUSTOMER_NAME          BALANCE
-----------    ---------------------  ----------
408            THE EVERYTHING SHOP    5285.25
356            FERGUSON"S             5785.0
842            ALL SEASON             8221.0
524            KLINE"S                12762.0
```

6. Display the customer number, customer name and rep number for all the records in the Customer table for rep number equal to 20

```
CUSTOMER_NUM   CUSTOMER_NAME   REP_NUM
------------   -------------   -------
524            KLINE''S        20
842            ALL SEASON      20
```

<u>Turn in:</u>

Upload one screenshot with all the commands and related output.
Make sure there are no errors on the screen. You may need to repeat
commands till all work and clean output is on the screen before capturing
your work in a screenshot