**Assignment #20**

**CSC 301-001**

**Spring 2013**

Follow the steps and answer each of the questions. Email this assignment with your answers to [frank@nku.edu](mailto:frank@nku.edu) with Subject: CSC301 Assn#20.

* Check your computer’s path variable.
  + Start | Run |cmd | path
* Copy **mysql.zip** from <http://www.nku.edu/~frank/csc301/Handouts/mysql.zip>.
* Unzip this file saving **mysql.exe** in a place where you can easily use it.
  + You might save it a folder that is part of your computer’s path.
  + Or you can add the folder you saved the file into your computer’s path.
  + Here are the instructions for editing your computer’s path. <http://www.computerhope.com/issues/ch000549.htm>.
* Connect from a command line interface (= command window)
  + → mysql –h cscdb.nku.edu –u *yourusername* –p
  + → password will be automatically requested
  + Go to your database with command
    - use *db\_yourusername*;
  + Enter the command:
    - use db\_*yourusername*;
    - **Question #1:** What response displayed?
    - **Answer:** Database Changed
  + Type **quit** to exit **mysql.exe**.
* Save the Bookorama db table definition found at <http://www.nku.edu/~frank/csc301/Examples/MySQL/bookorama.sql>.
* Upload the db table definition by entering
  + mysql –h *host* –u *username* –D *database* –p < sql\_cmd\_file.sql
* Connect from a command line interface (= command window)
  + → mysql –h cscdb.nku.edu –u *yourusername* –p
* Enter the following commands:
  + use db\_*yourusername*;
  + show tables;
  + **Question #2:** What was displayed?
* **Answer:**

mysql> show tables;

+-----------------------+

| Tables\_in\_db\_weymanm1 |

+-----------------------+

| book\_reviews |

| books |

| customers |

| order\_items |

| orders |

+-----------------------+

1. rows in set (0.14 sec)

Enter the following command:

* + describe orders;
  + **Question #3:** What was displayed?
  + **Answer:**

**mysql> describe orders;**

**+------------+------------------+------+-----+---------+----------------+**

**| Field | Type | Null | Key | Default | Extra |**

**+------------+------------------+------+-----+---------+----------------+**

**| orderid | int(10) unsigned | NO | PRI | NULL | auto\_increment |**

**| customerid | int(10) unsigned | NO | | NULL | |**

**| amount | float(6,2) | YES | | NULL | |**

**| date | date | NO | | NULL | |**

**+------------+------------------+------+-----+---------+----------------+**

**4 rows in set (0.04 sec)**

* Type **quit** to exit **mysql.exe**.
  + Type **exit** to leave **cmd.exe**.