**CSE370: DATABASE SYSTEMS**

**LAB # 1**

**Section 1 : initial setup**

* Copy the system folder in desktop.
* Run **mini\_server\_11** which will ask to extract and will create a folder with same name in same location.
* Inside **mini\_server\_11** folder run **mysql\_start.bat** file.
* It will show a dialog of

"The MySQL server is working on disk Y:\ [port 3311]

Press any key to continue . . .”

* You can close this window if you want.
* There should be another window with many texts and a prompt similar to:

"Y:\bin>"

* If it does not come, you can run the command prompt yourself By:

WIN Button + R > RUN >cmd

* Now goto the drive Y with typing:

Y:

* And goto bin folder by typing

Cd bin

* It supposed to show:

"Y:\bin>"

**Section 2: run server**

* Now we will connect to the server with command prompt.

mysql -u root -p

* Which means, login to server with user name **root** and ask for password.
* It will ask for password and provide **root** as password.
* This will give you access to mysql server shell which will look like:
* "mysql>"

**Section 3: Run commands**

* all commands and keywords are in lower case (not mandatory).

**show databases;**

**create database *DBName*;** (e.g. "CSE370")

**show databases;**

**use *DBName*;** (e.g. "CSE370")

* Now all the commands will be affected inside the new database we created just a while back.

**Section 3: Creating a Table**

In the web interface we can execute any SQL command. One simple type of command

creates a table (relation). The form is

**CREATE TABLE tableName (**

**list of attributes and their types**

**);**

**CREATE TABLE test (**

**i int,**

**s char(10)**

**);**

* All commands and keywords are in lower case (not mandatory).

**show tables;**

**describe *TableName*;** (e.g. "test")