**Project 7**

**CSIS 304: Databases**

**Spring 2013**

**Due:** Submission - 03/03/13 (11:59 pm).

**Objectives**:

Develop practical skills to design and implement database systems.

**Tools:**

MySQL ([www.mysql.org](http://www.mysql.org)), MySQL Workbench (<http://dev.mysql.com/downloads/workbench>), <http://puff.mnstate.edu/db_admin>

**Description:**

Class work:

* Study chapter 7.
* Create and populate *userid\_ch7\_SaleCo* database (*ch7\_SaleCo\_Tables.txt*, *ch7\_SaleCo\_InsertData.txt*). Build queries from chapter 7 and test them with MySQL on puff.mnstste.edu (*classwork.txt*, *classwork2.txt*)

Homework:

* Solve Problems 1-3, 5-6, 8-15 (2 – enter all rows), 18-20 (pp. 283-285)
* Test all queries with MySQL.
* Submit the text file (*LastnameFirstname\_homework.txt*) that contains all requested queries and the results (execute the SELECT queries for EMP\_1 (after problem 6), for EMP\_2 (after problem 12), for TEMP\_1 (after problem 13)).

**Scoring Rubrics**

|  |  |  |
| --- | --- | --- |
| **#** | **Feature** | **Score (%)** |
| **1** | LastnameFirstName\_homework.txt | 100 |
|  |  | 100 |

Some useful MySQL commands:

create database *userid\_dbname;* drop database *userid\_dbname;* use *userid\_dbname;*

source *filename.txt;* show tables; show full tables;

describe *tablename*; show columns from *tablename*; show index from *tablename*;