CS355   Database Lab   **Date: 20th Aug 2020**

Warm-up Assignment   **Submission File Name: practice.txt**

In today's introductory lab, the main objective is to get familiar with MySQL database system. For this purpose, perform the followings.

Step 1) Install MySQL in your system

If your system is Linux then you can refer to the following MySQL installation link
https://www.mysqltutorial.org/install-mysql-ubuntu/

If your system is Windows then you can refer to the followings for MySQL installation link
https://www.mysqltutorial.org/install-mysql/

Step 2) After installation, connecting to MySQL Server.

Open a terminal and use the following commands

To connect to MySQL server as a root user, use the following command.

 mysql –u root –p

Once you enter the password correctly, then you will be connected to MySQL server.

show databases

This will list the existing databases

Now create a database name **dblab**.

create database dblab

Use this newly created database.

use database dblab

Create the following tables under dblab database.

- Suppliers(SID varchar (10), SName varchar (10), City varchar (10)
- Products (PID varchar(10), PName varchar(10), WarrantyPeriod int)
- SP (SID varchar(10), PID varchar(10))

Insert atleast 10 entries for Suppliers and Products and atleast 12 entries for SP.

Check all the entries of the tables by using **select * from tableName**.

Now, **create** a user with **scot** as username and **tiger** as password then use the followings-

create user 'scot'@'localhost' identified by 'tiger'

Now **grant** all privileges to all the tables of dblab to this new user. Use the following command to do that.

grant all privileges on 'dblab.*' to 'scot'@'localhost'

Then **exit** and **sign in** as new user *scot* with password tiger and **check** whether you are able to access the tables of dblab database.

Now write all the MySQL queries that you have used to perform the aforementioned functionalities in a practice.txt file. You should mention your name and roll no at the top of this file.

Upload the file practice.txt using the following link –

https://www.iitp.ac.in/~samrat/CS354_CS355/submission