Lab 1
How to Create Course Databases on CIS Oracle Database Server

1. Databases Used in the Course

a. **Murach Practice Database**

This database includes 3 oracle users **ap (Account Payable), ex (Examples), om (Order Management)** and a number of tables owned by each of these users. All 3 users have the passwords that are same as their oracle usernames. This database is used by the examples in the chapter-description and the end-of-chapter practice exercise questions.

b. **Murach MGS (My Guitar Shop) Database**.

This database includes the oracle user **mgs** and a number of tables owned by this user. This database will be used in the labs that are required to submit.

c. **University Database**.

This database includes the oracle user **uv** and a number of tables owned by this user. This database will be used in the in-class demo, practice, and lab assignments.

2. Nutshell of what you have to do

You will NOT be allowed to create users on the CIS Oracle Database Server.
Therefore you will have to create all the tables in your own oracle account and load the data into these tables.
Don't worry. You will do this by downloading and running a number of SQL scripts.

3. Tasks to Complete

1) Create a connection in Oracle SQL Developer for your oracle account on the CIS Oracle Database Server.
Follow the instructions in file: **How to Connect to CIS Oracle DB Server from off campus.pdf**
Some information related to the connection is listed again here.
You need the following information about the CIS Oracle Database Server:

hostname:	**localhost**
port:	11521
service name:	cisora.cis.temple.edu

Your oracle user name on the CIS Oracle Database Server is **SP23_4331_%USERNAME**, where %USERNAME is your TU AccessNet login name. Your initial password is **aizihoo7In**. Note the **password** is **case sensitive.**
If you want to change your password, you can enter and run this SQL command in a SQL worksheet:

ALTER USER SP23_4331_%USERNAME IDENTIFIED BY new-pwd;

NOTE:

- **The password is managed by the TU Computing Services, NOT by CIS Department.**
- **If you changed your password and forgot it later, it would take a while for you to get this issue resolved.**

2) Use the connection above to log into your oracle account.
3) You need the zip file **ScriptsForCISOracleDBServerUsers.zip** to create all the databases. Download and Unzip this file.
4) Create the **Murach Practice Database**
You will not create the users: ap, ex, om. Instead, you will just create the tables in the **Murach Practice Database** and load data into these tables.
NOTE: Some of the tables have been renamed to avoid confusion because all tables in different users are created in your own oracle account on CIS Oracle Database Server. For example, table **customers** in **ex** user is

renamed to **customers_ex**. Table **departments** in **ex** user is renamed to **departments_ex**. You will be able to see all these tables in Oracle SQL Developer after you create them.

a) Create the tables in **ap** user and load the data into these tables.
   i) Open the SQL script file: create_ap_tables.sql.
   ii) Run this script by pressing F5.
   iii) If you get a **Select Connection** dialog, choose the connection you created in Step 1).

b) Create the tables in **ex** user and load the data into these tables.
   i) Open the SQL script file: create_ex_tables.sql.
   ii) Run this script by pressing F5.
   iii) If you get a **Select Connection** dialog, choose the connection you created in Step 1).

c) Create the tables in **om** user and load the data into these tables.
   i) Open the SQL script file: create_om_tables.sql.
   ii) Run this script by pressing F5.
   iii) If you get a **Select Connection** dialog, choose the connection you created in Step 1).

5) Create the **Murach MGS (My Guitar Shop) Database**.

   You will not create the user mgs. Instead, you will just create the tables in the **Murach MGS Database** and load data into these tables.

   a) Create the tables in **mgs** user and load the data into these tables.
      i) Open the SQL script file: create_mgs_tables.sql.
      ii) Run this script by pressing F5.
      iii) If you get a **Select Connection** dialog, choose the connection you created in Step 1).

   NOTE: All the tables for the **mgs** user have been renamed to **original_table_name_mgs**. This way it's easier for you to know which tables are supposed to be for **mgs** user. For example, table **customers** in **mgs** user is renamed to **customers_mgs**.

6) Create the **University Database**.

   You will not create the user uv. Instead you will just create the tables in the **University Database** and load data into these tables.

   a) Create the tables in user **uv**.
      i) Open the SQL script file: ReCreateUVTables.sql.
      ii) Run this script by pressing F5.
      iii) If you get a **Select Connection** dialog, choose the connection you created in Step 1).

   b) Load the data into the tables created in a)
      i) Open the SQL script file: InsertSmallUnivDBData.sql.
      ii) Run this script by pressing F5.
      iii) If you get a **Select Connection** dialog, choose the connection you created in Step 1).