Practice Schema Readme

This is the practice exercise for designing database schema, generating DDL scripts for database schema
Tables, populating data for each tables, and using SQL (select, DDL, DML, and TCL).

OPTION 1: (If you have installed Database on your laptop/desktop)

Step 1:

Create database schema design using Oracle Data Modeler. Follow the document **"Class_Exercise_Logical_Model"** in "Practice Tutorial" folder.

Step 2:

Connect to database as SYSTEM user, and create user with following syntax, replace asp13 with your net id.

CREATE USER CSGY6083B_asp13 IDENTIFIED by asp13123
DEFAULT TABLESPACE SYSTEM
TEMPORARY TABLESPACE TEMP
ACCOUNT UNLOCK;

GRANT CREATE SESSION, DBA TO CSGY6083B_asp13;

 Step 3:

Download STUDENT_SCHEMA_SETUP_ORACLE.SQL, placed in "Practice Tutorial" folder. Modify AP_ to your initial_. E.G. if your initial is YW, then replace AP_ to YW_ in this file.

Connect to database as GC3500_asp (your login account).

Run STUDENT_SCHEMA_SETUP_ORACLE.SQL, in your login schema

Step 4:

Practice on SQLs from following documents, posted in Practice Tutorial folder

SQL_TUTORIAL.docx

Oracle_ROLLUP_CUBE_Examples.docx

Oracle_Analytics_Function_Examples.docx

OPTION 2: (If you want to practice on Oracle Live SQL website)

Step 1:

Create database schema design using Oracle Data Modeler. Follow the document **"Class_Exercise_Logical_Model"** in "Practice Tutorial" folder.

Step 2:

Download STUDENT_SCHEMA_SETUP_ORACLE.SQL, placed in "Practice Tutorial" folder to your local laptop/desktop. Modify AP_ to your initial_. E.G. if your initial is YW, then replace AP_ to YW_ in this file.

Step 3:

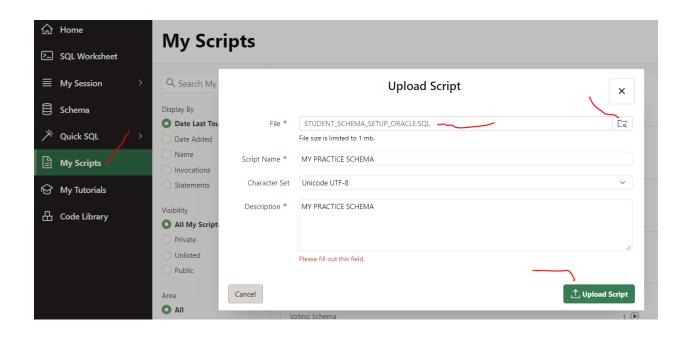Login to livesql.oracle.com using your oracle account and perform following steps

Click on **"My Script"** on left side menu

Click on **"Upload Script"** ,then click on **"Choose File"** and select

"STUDENT_SCHEMA_SETUP_ORACLE.SQL" from your folder where you have
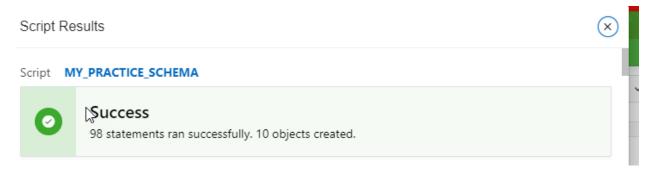
 downloaded.

 Type **"Script Name"** as **"MY_PRACTICE_SCHEMA"**

Type description as **" This is practice schema"** and then click on **"Upload Script"**
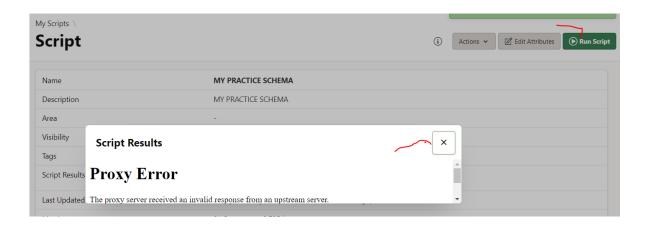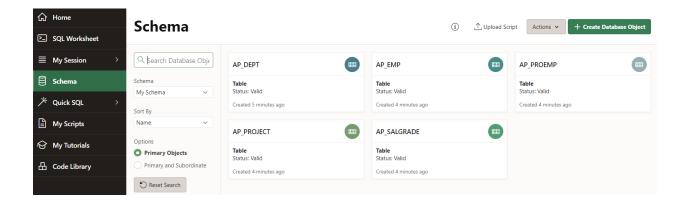
Step 4:

Once script is uploaded, click **"Run Script"**

IF YOU HIT FOLLOWING ERROR, JUST CANCEL IT, WAIT FOR ABOUT 15 MINUTES, AND THEN CHECK SCHEMA THAT ALL TABLES CREATED, AND THEN CHECK NUMBER OF RECORDS FOR EACH TABLE.

My Scripts \

Script

Actions ˅   Edit Attributes   ▶ Run Script

Name	**MY PRACTICE SCHEMA**
Description	MY PRACTICE SCHEMA
Area	-
Visibility	
Tags	
Script Results	
Last Updated	

Script Results   ×

Proxy Error

The proxy server received an invalid response from an upstream server.

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AP_DEPT
Table
Status: Valid
Created 5 minutes ago

AP_EMP
Table
Status: Valid
Created 4 minutes ago

AP_PROEMP
Table
Status: Valid
Created 4 minutes ago

AP_PROJECT
Table
Status: Valid
Created 4 minutes ago

AP_SALGRADE
Table
Status: Valid
Created 4 minutes ago

Step 5:

Practice on SQLs from following documents, posted in Practice Tutorial folder.

SQL_TUTORIAL.docx

Oracle_ROLLUP_CUBE_Examples.docx

Oracle_Analytics_Function_Examples.docx