LAB 1 – Data Warehousing

SQL Developer
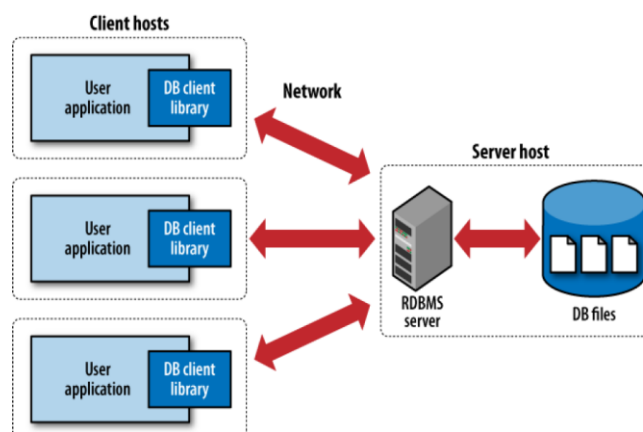
Connecting to our (AUT) Oracle Database

Contents:

I.   What is SQL Developer
II. Login to SQL Developer and Connect to the Oracle Database
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I. What is SQL Developer?

Oracle SQL Developer is the Oracle Database IDE (Integrated Development Environment). A free graphical user interface, Oracle SQL Developer allows database users and administrators to do their database tasks in fewer clicks and keystrokes. A productivity tool, SQL Developer's main objective is to help the end user save time and maximize the return on investment in the Oracle Database technology stack .
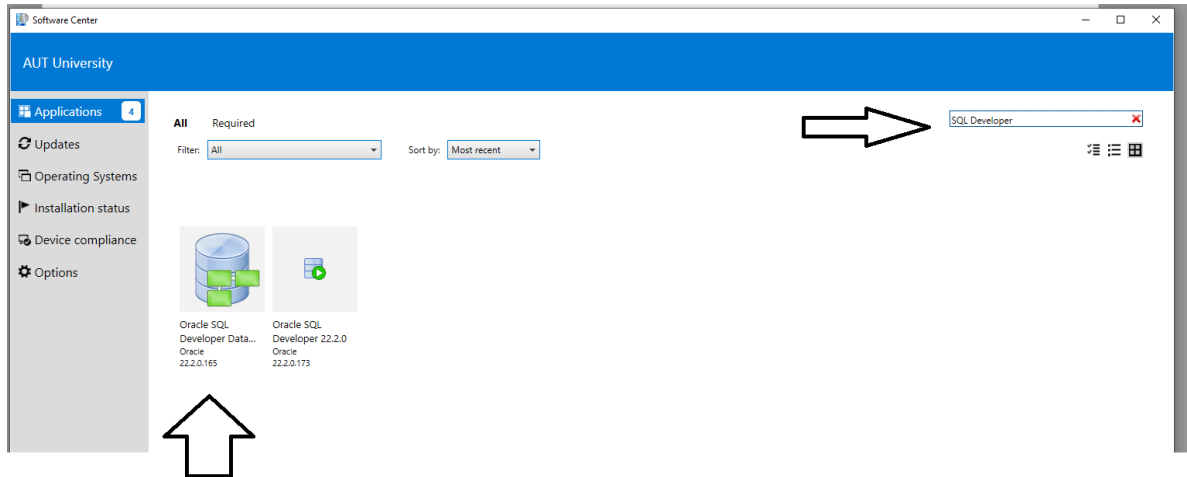
See also: https://www.oracle.com/database/technologies/appdev/sqldeveloper-landing.html

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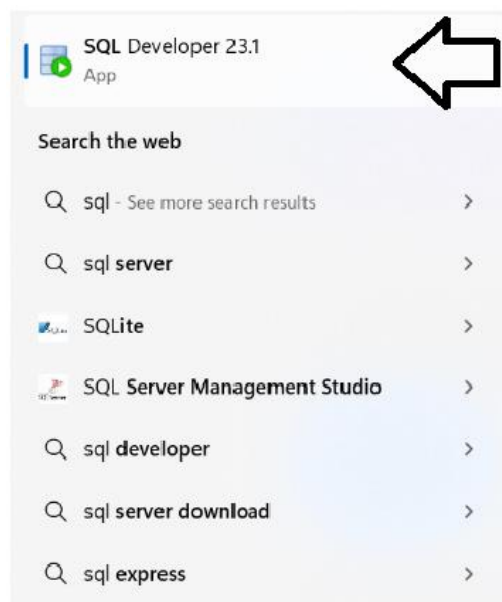## II. Log into SQL Developer and Connect to the Oracle Database

Step 1. Install SQL Developer.

Open the 'Software Center' (via the windows key). At the search window (top right), enter SQL Developer:
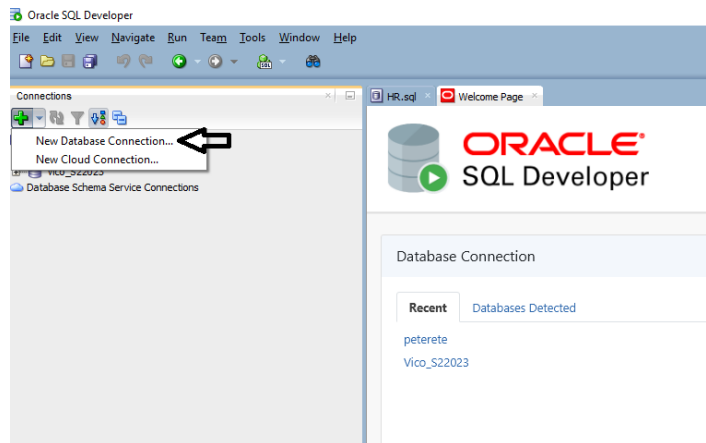

Step 2. Click on the Oracle SQL Developer. Installation resumes/starts right away.

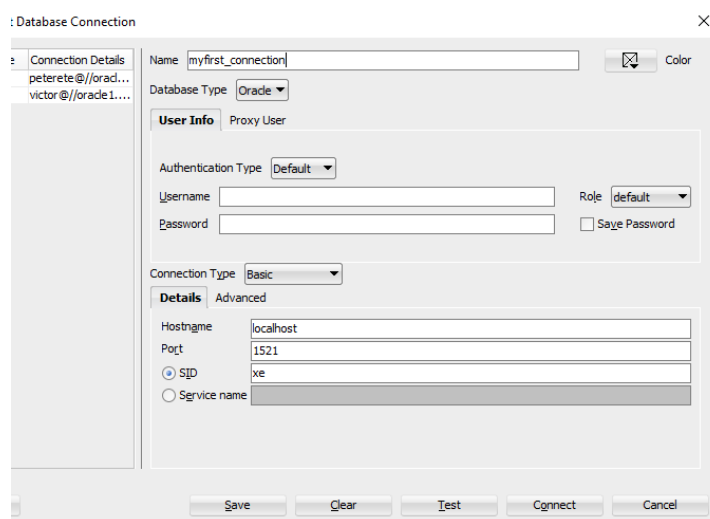**Step 3.** Open 'SQL Developer' via the windows key (start menu):

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Step 4. Click on *Connections* ('+' icon), then click on *New Database Connection:*

Then, enter the details (pop-up window)

<< DETAILS >>

Name: Any name (connection's name).

Username: It's your AUT Login ID (six characters, e.g., tyt7834). It's your login account to access AUT computers.

Password: warehouse2024

Hostname: oracle1.aut.ac.nz

SID: pgdbs

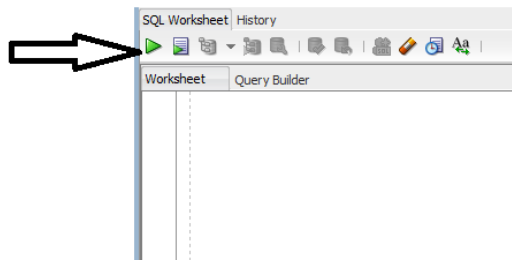Then, click on Test. If status indicates SUCCESS then click on connect to connect to the database.

Note: If you cannot connect after trying to connect a couple of times, please email your login username to victor.miranda@aut.ac.nz
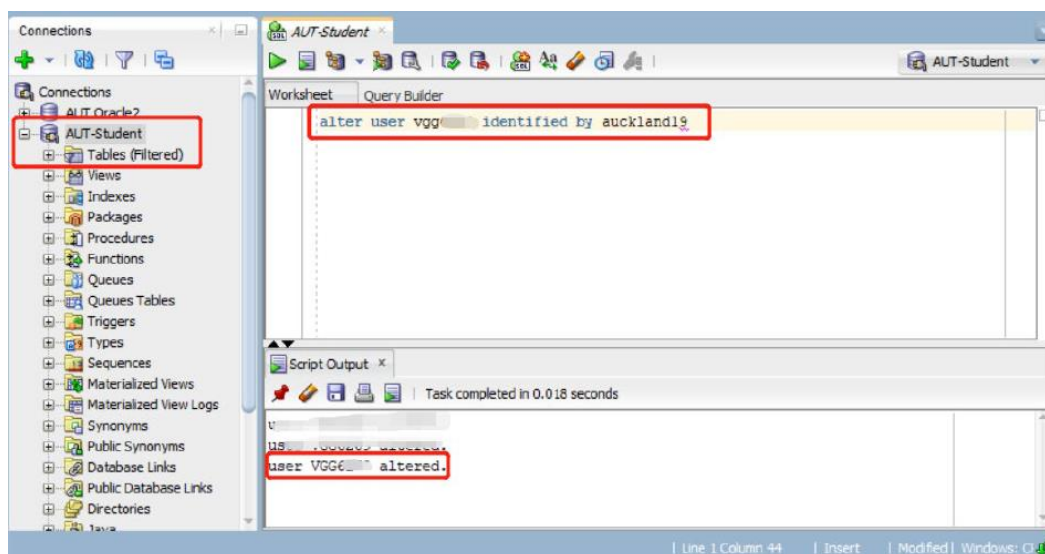
III. Change your password.

You can change your password by using the following script:

> **alter user user_name identified by new_password;**
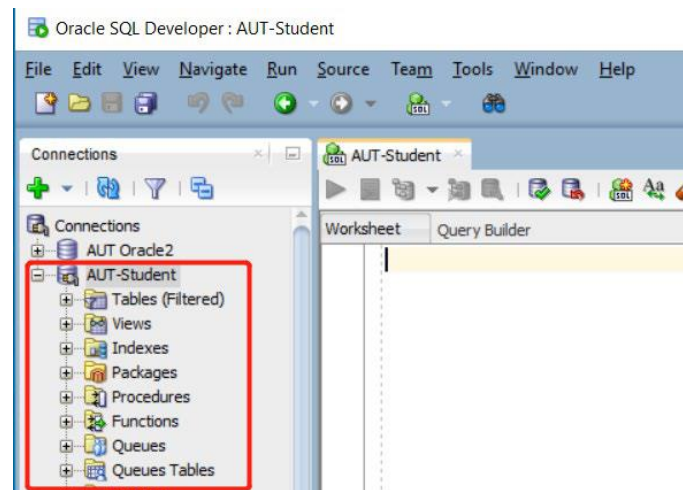
Then click on 'run' (orange triangle)

OUTPUT:

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IV. How to run Scripts

Step 1: Log into the AUT Oracle Database using SQL Developer

Step 2: Download the scripts

Download script files (Hotel_DB.sql) and (HR.sql) from Canvas Week 7 Labs to a folder in your Home drive.

Step 3: Run scripts

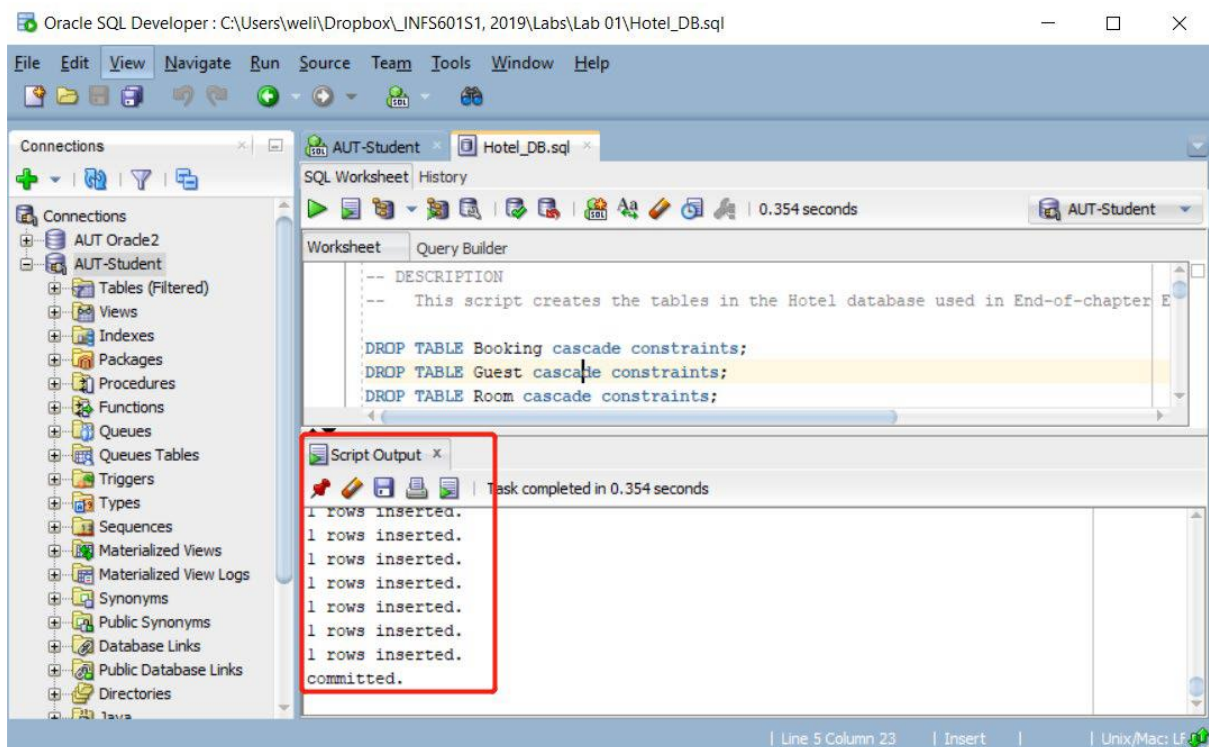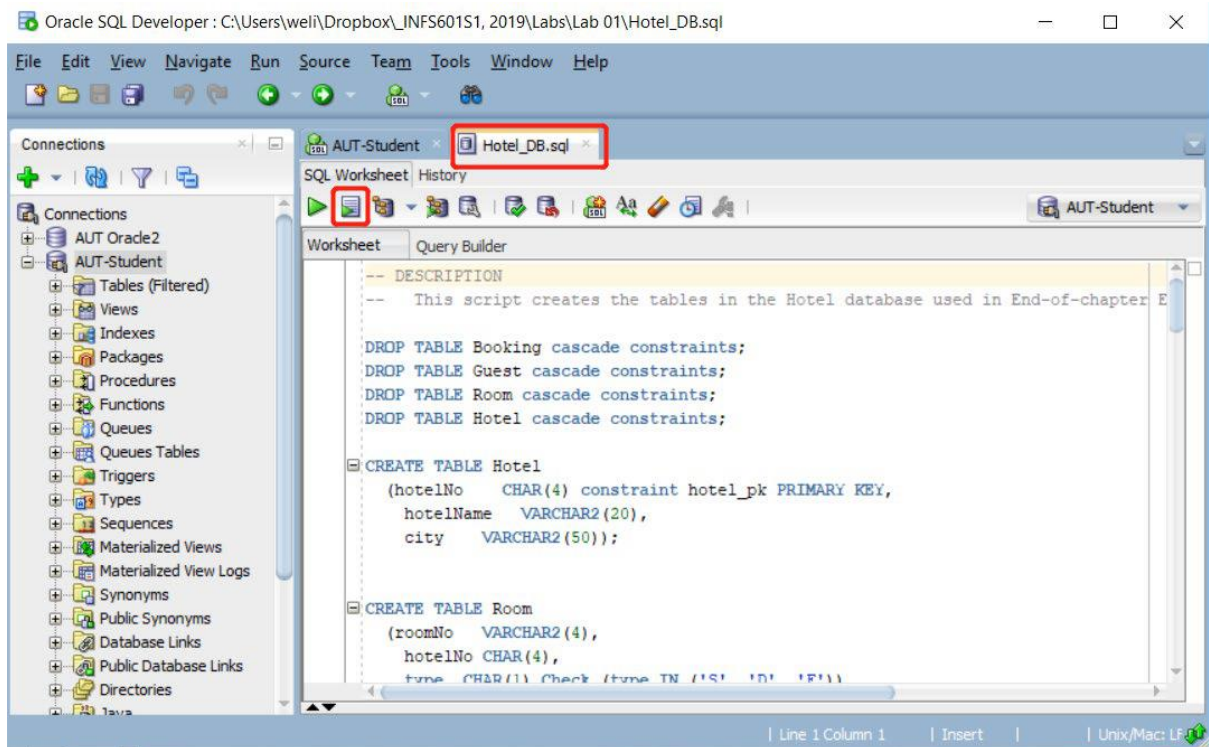To run any script (including Hotel_DB.sql and HR.sql) and create the tables in your database, you can either:

    (a) drag and drop the files (the two sql script files) in to the SQL developer and execute them (run) or,

    (b) use the @symbol followed by the location path and file name of where you saved the files, e.g., @path-to-file\HR.sql;

Refer to Figures on the next page.

IMPORTANT: Check for any errors which will be displayed in the bottom panel.

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Edited by Victor Miranda

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