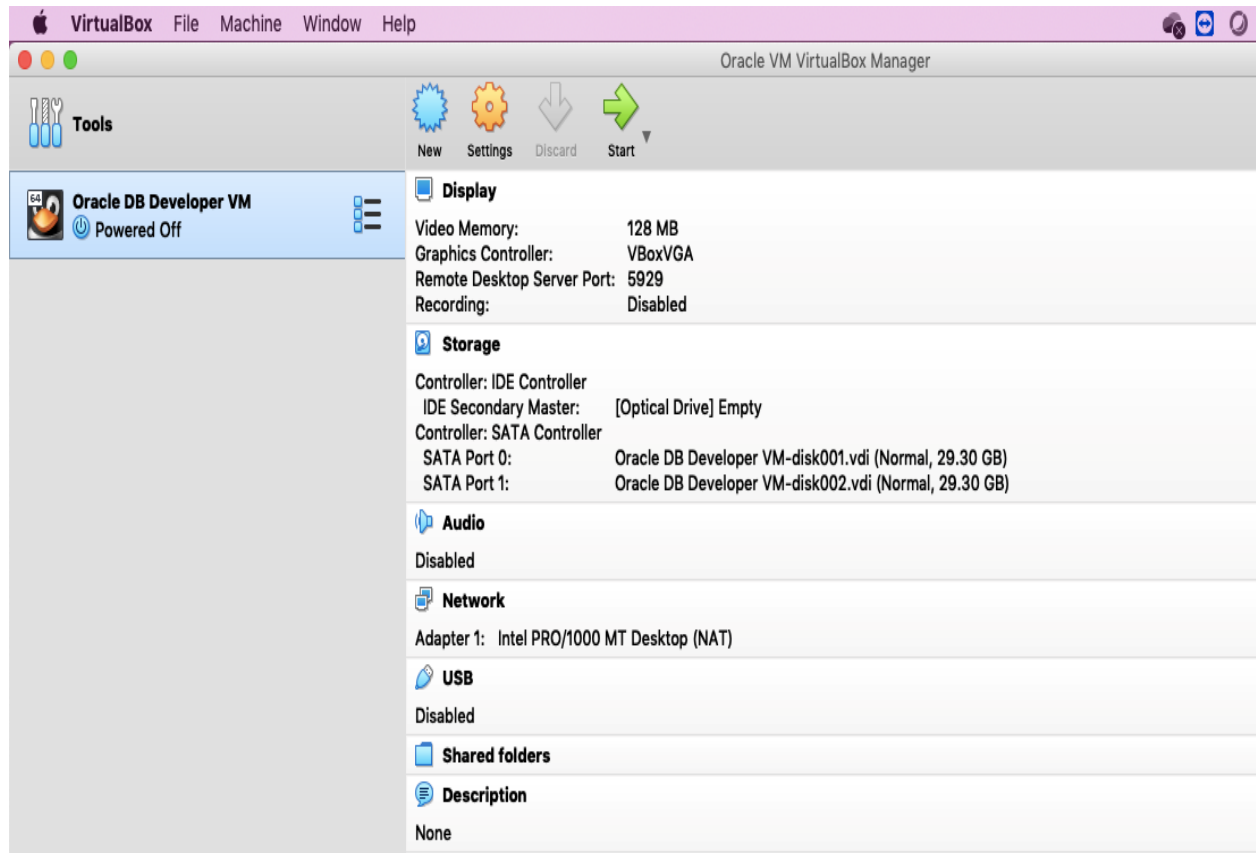# CS-GY 6083: Software Installation Guide

Database Connection Configuration and User Creation

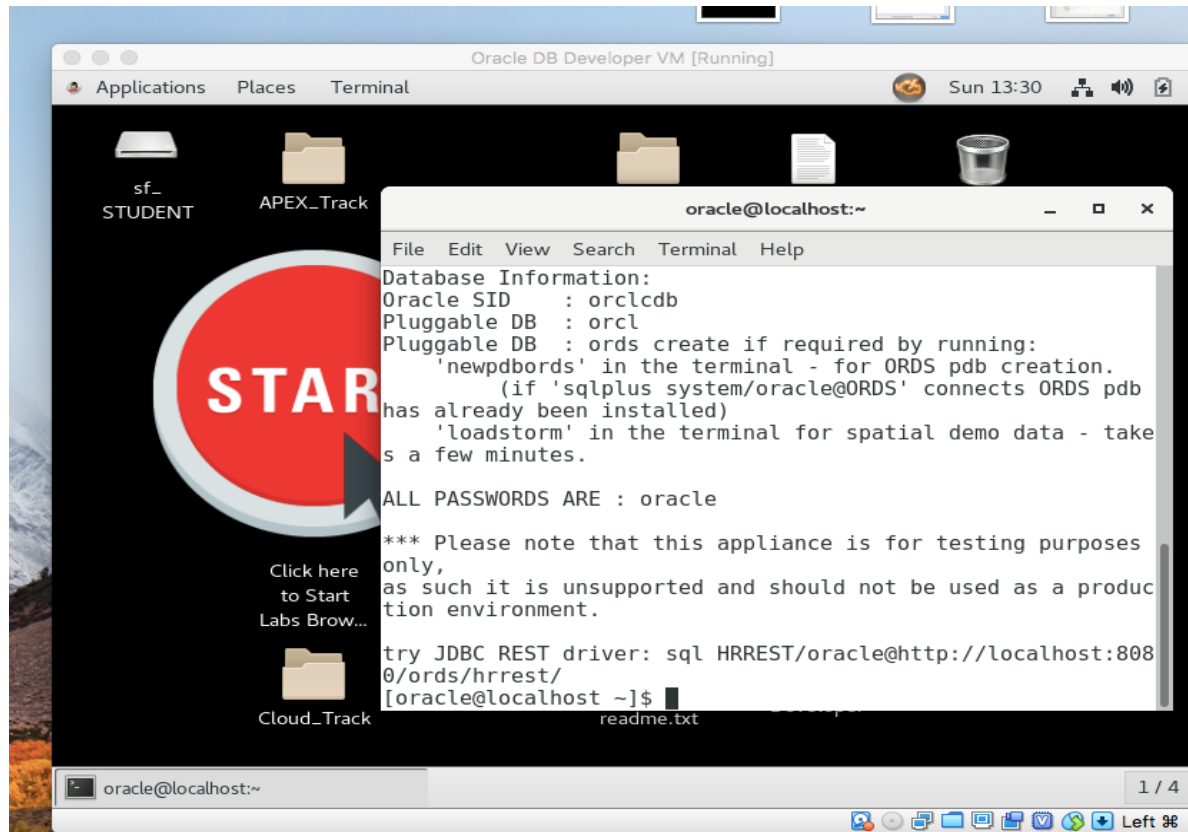**A) Oracle Database connection configuration:**

Follow step by step instruction as detailed below.

i)   Start the Virtual Box

ii)   Right click on Oracle DB Developer VM and then Start (Green Arrow)

It will take several minutes to complete start of Oracle DB Developer VM. You will also notice blank black screen during the startup, and it is normal. If messages pop for mouse control, just cancel such messages.

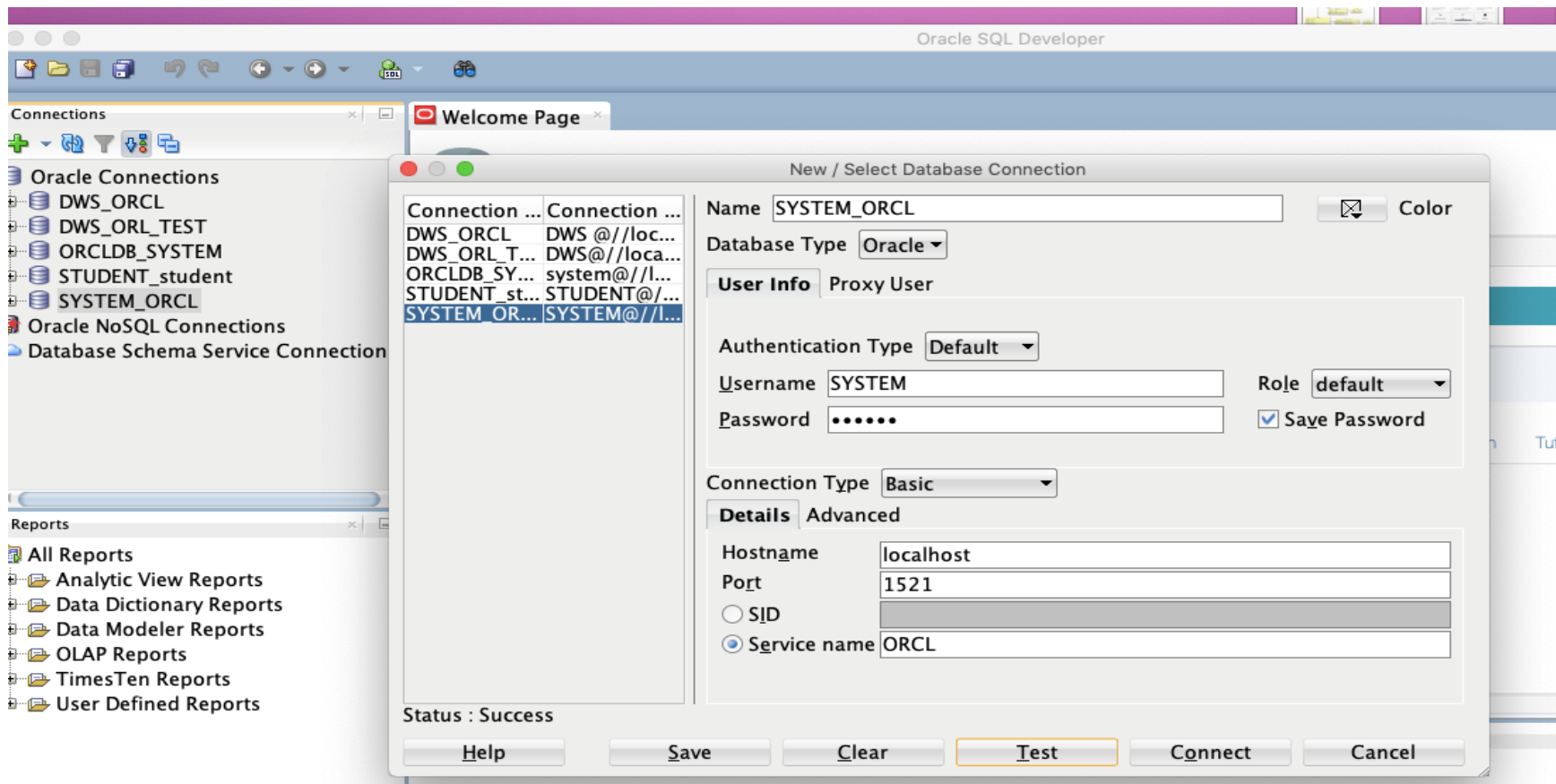**iii)   Upon completion of startup in step ii, you will see following screen**

Please note that, all password are default as 'oracle'. Name of the database is 'orcl' and SID (System Identifier) is 'orclcdb'

Type following command to test the connection.
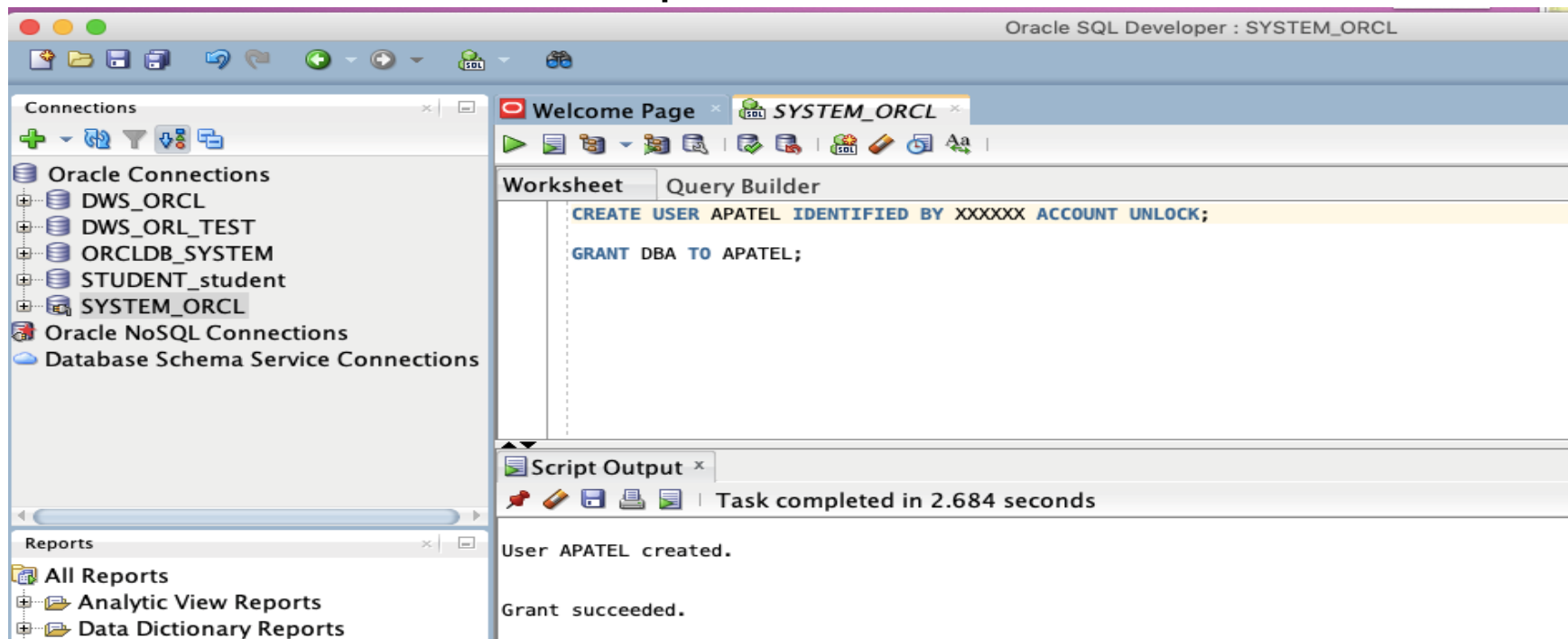sqlplus system/oracle@orcl
SQLPLUS> exit

iv)   Go to your Oracle installation directory, where you have extracted SQL Developer and start the SQL Developer

v)   Click + sign on left hand side to add a new connection and in New Connection window, enter values as per following screenshot. Please note that the password is oracle. Check mark 'Save Password' and enter 'Service Name as' ORCL
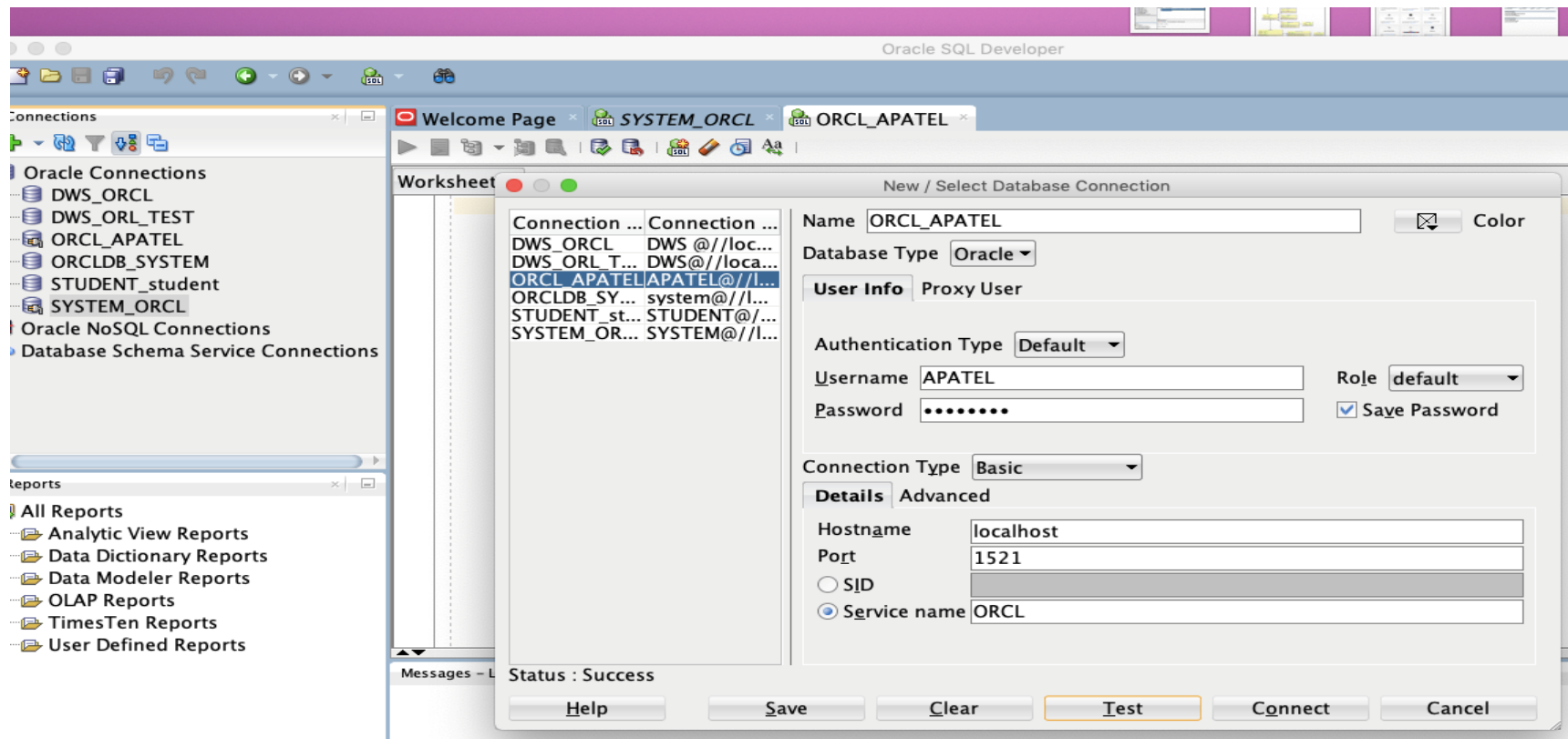
Click on Test and you should see Status: Success. Then, click Save and then Connect.

vi) **Once you are connected as SYSTEM, create your own user in database. The username should be first character of your first name, and your last name. Please note down the password, you will need it on reconnections.**

Replace XXXXXX with password of your choice. High light both commands, and run them by clicking Green Arrow button on Worksheet. You will see log message as User created and Grant succeeded as depicted in below screenshot.
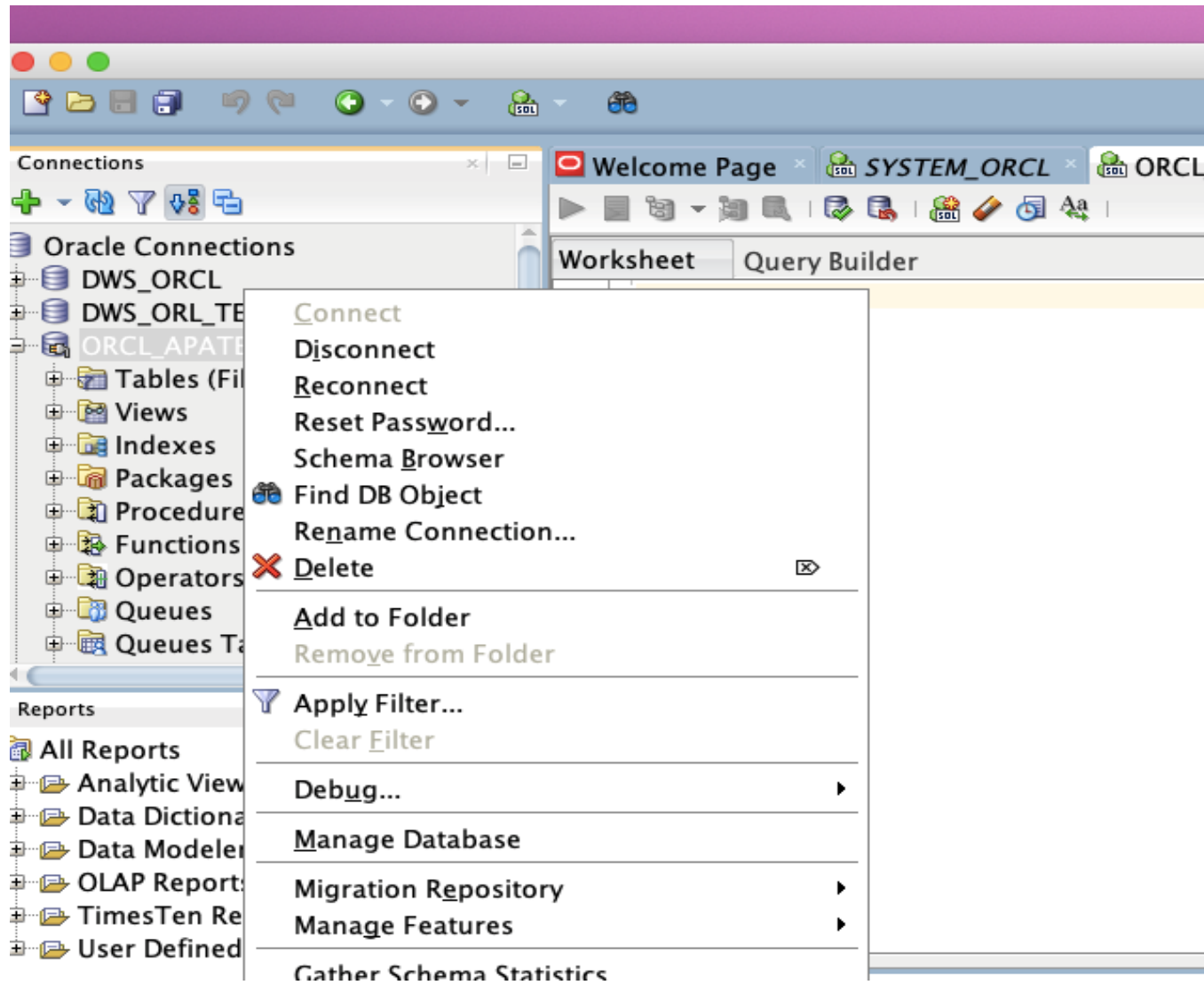
vii) **Now add new connection, by clicking + sign under connections and enter values as depicted in following screenshot.**
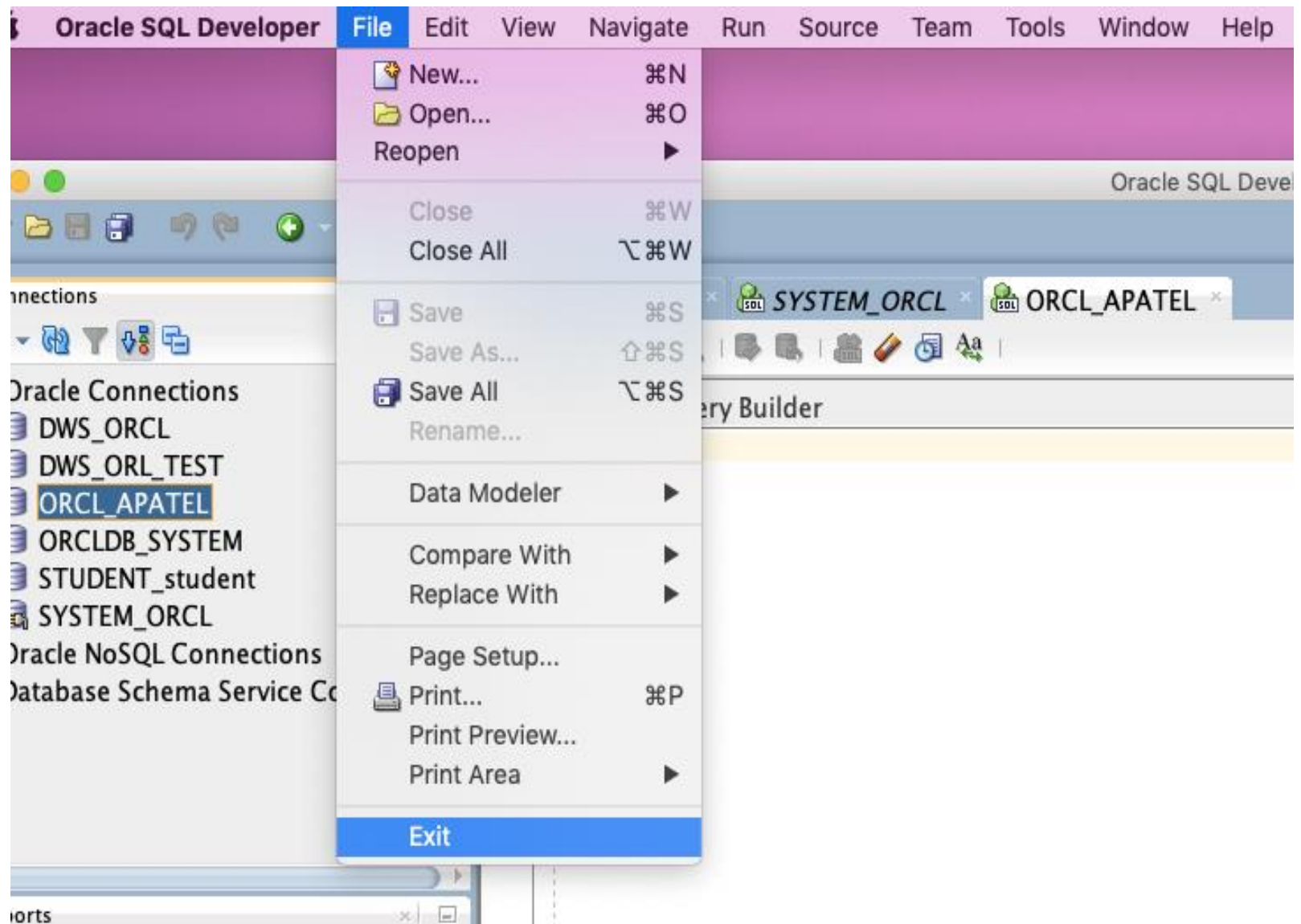

Please checkmark Save Password, then click Test, and you should see Status: Success. Then, click on Save and Connect.

viii) To disconnect, right lick on your connection name, e.g. ORCL_APATEL, then click Disconnect.

ix) To Exit from SQL Developer, click on File and then Exit

x) **To shutdown Database and Virtual box, right click on Oracle DB Developer VM, and then Close and Power Off**