

SQL Developer

IT 330 Database Management Systems

Professor Chak

Downloading SQL Developer...

1. Go to www.oracle.com...
2. In the Search, type “SQL Developer”
3. Select “SQL Developer” or “Oracle SQL Developer Downloads”
4. If you selected “SQL Developer”, you will get the same screen as you would if you selected “Oracle SQL Developer Downloads”

5. Select the latest version for your Operating System (i.e., Windows, Mac, Linux) for Windows, select the 64-bit version...
6. Accept the license agreement...and click “Download”
7. Follow the instructions...
8. Launch the software to verify that it has installed properly...

NOTE: You need to create an account with Oracle...only basic information is needed and it will give you access to many of Oracle’s products...it’s a good thing to have!...

Downloading SQL Developer Data Modeler...

1. Go to www.oracle.com ...

2. Select “Downloads”
3. Select or scroll down to “Developer Tools”
4. Select “SQL Developer Data Modeler”
5. Select the latest version for your Operating System (i.e., Windows, Mac, Linux) for Windows, select the 64-bit version...
6. Accept the License Agreement and select the latest version for your Operating System (i.e., Windows, Mac, Linux)
7. Follow the instructions... 8. Launch the software to verify that it has installed properly...

NOTE: This Configuration is Only If You Downloaded and Installed From oracle.com

1. Right Click “Oracle Connections”
2. Select “New Connection”
3. You should get the pop-up to the right...

The screenshot shows the 'New / Select Database Connection' dialog box. It has a left pane with 'Connection Name' and 'Connection Details' tabs. The right pane contains the following fields:

- Name: [Empty text box]
- Database Type: Oracle (dropdown)
- User Info: Proxy User (tab)
- Authentication Type: Default (dropdown)
- Username: [Empty text box]
- Role: default (dropdown)
- Password: [Empty text box]
- Save Password: ☐
- Connection Type: Basic (dropdown)
- Details: Advanced (tab)
- Hostname: localhost (text box)
- Port: 1521 (text box)
- SID: ☒ xe (text box)
- Service name: ☐ [Empty text box]

At the bottom, there is a 'Status:' label and a row of buttons: Help, Save, Clear, Test, Connect, and Cancel.

Configure Your SQL Developer

4. Enter the fields circled on the screen to the right. Make sure you use YOUR OW username and password
5. Select “save”

The screenshot shows the 'New / Select Database Connection' dialog box. The 'Name' field is set to 'Monroe-Oracle'. The 'Database Type' is set to 'Oracle'. Under 'User Info', the 'Authentication Type' is 'Default', the 'Username' is 'achak', the 'Password' is masked with dots, and the 'Role' is 'default'. The 'Save Password' checkbox is checked. Under 'Details', the 'Connection Type' is 'Basic'. The 'Hostname' is 'oracle.monroeu.edu', the 'Port' is '1521', and the 'Service name' is 'oracle.monroecollege.edu'. The 'Save' button at the bottom is highlighted with a red arrow.

5. Select “Save”

6. Your Screen Should Look as It Does to the Right

New / Select Database Connection

Connection Name	Connection Details
Monroe-Oracle	achak@//orade....
Monroe-Oracle	sys@//localh...
New-Conn	achak@//localh...

Name: Monroe-Oracle

Database Type: Oracle

User Info: Proxy User

Authentication Type: Default

Username: achak

Role: default

Password:

☒ Save Password

Connection Type: Basic

Details

Hostname: orade.monroeu.edu

Port: 1521

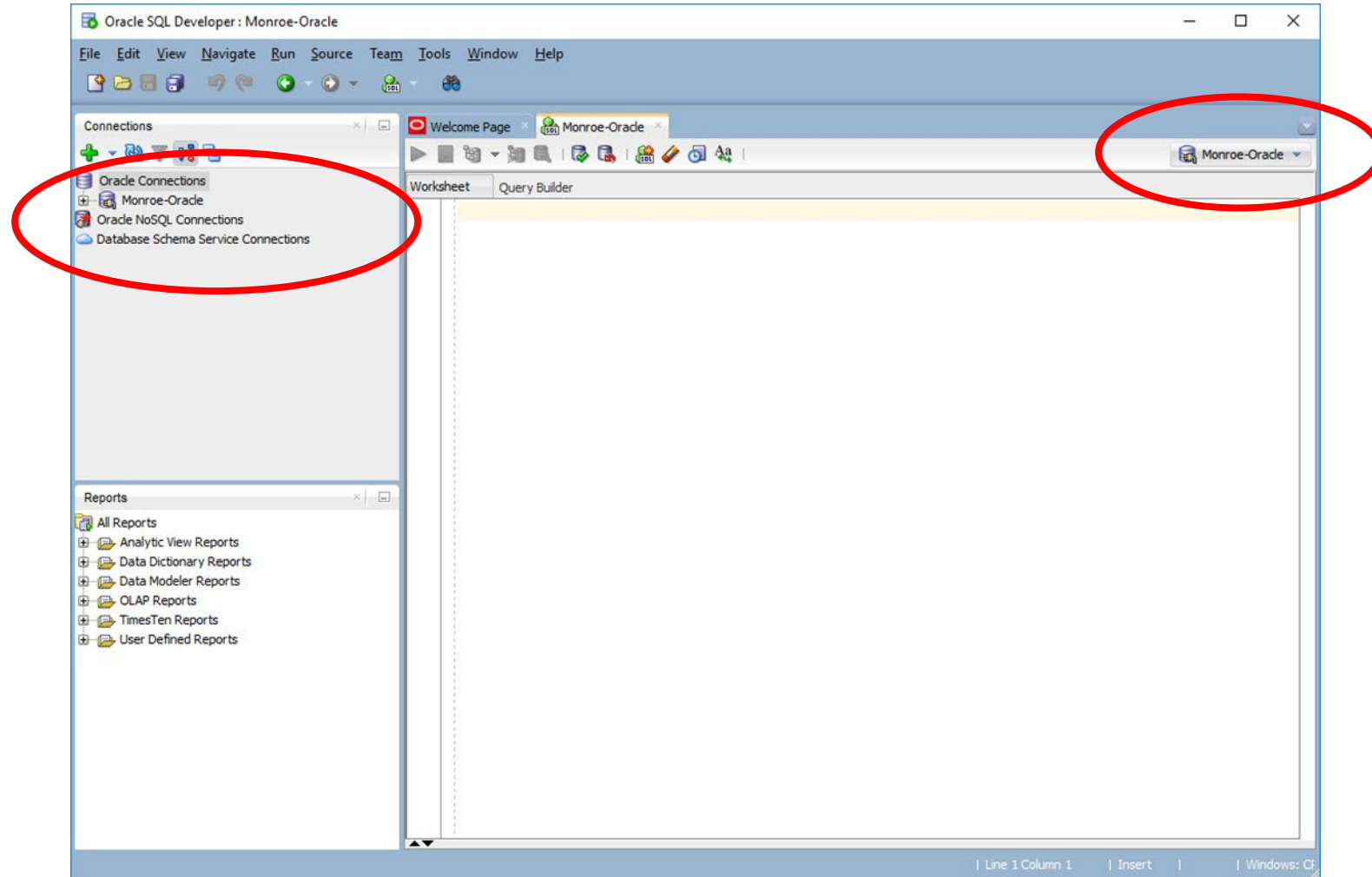
☐ SID: xe

☒ Service name: orade.monroecollege.edu

Status :

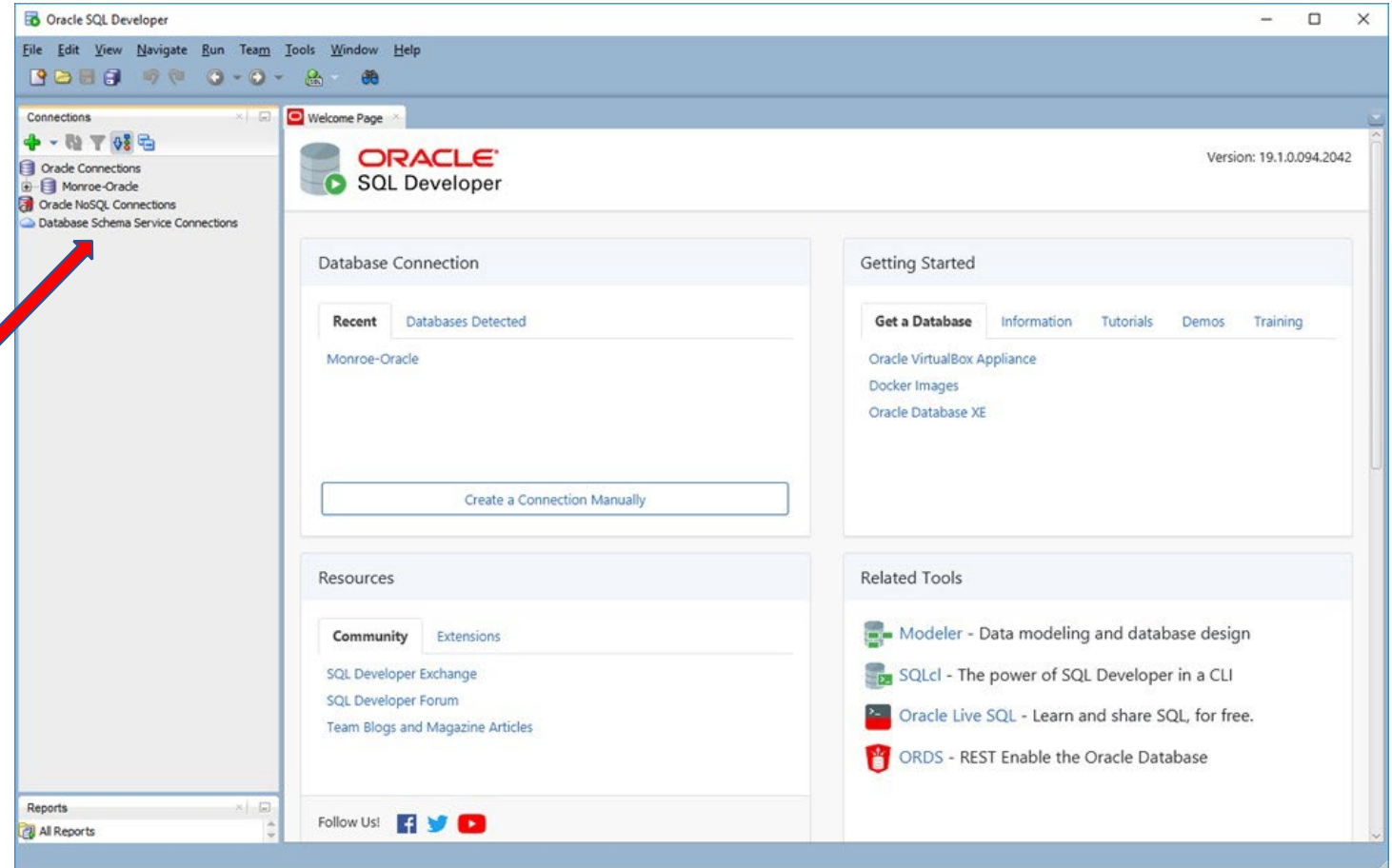
Help Save Clear Test Connect Cancel

7. Select “Connect” your screen should return to the main screen...



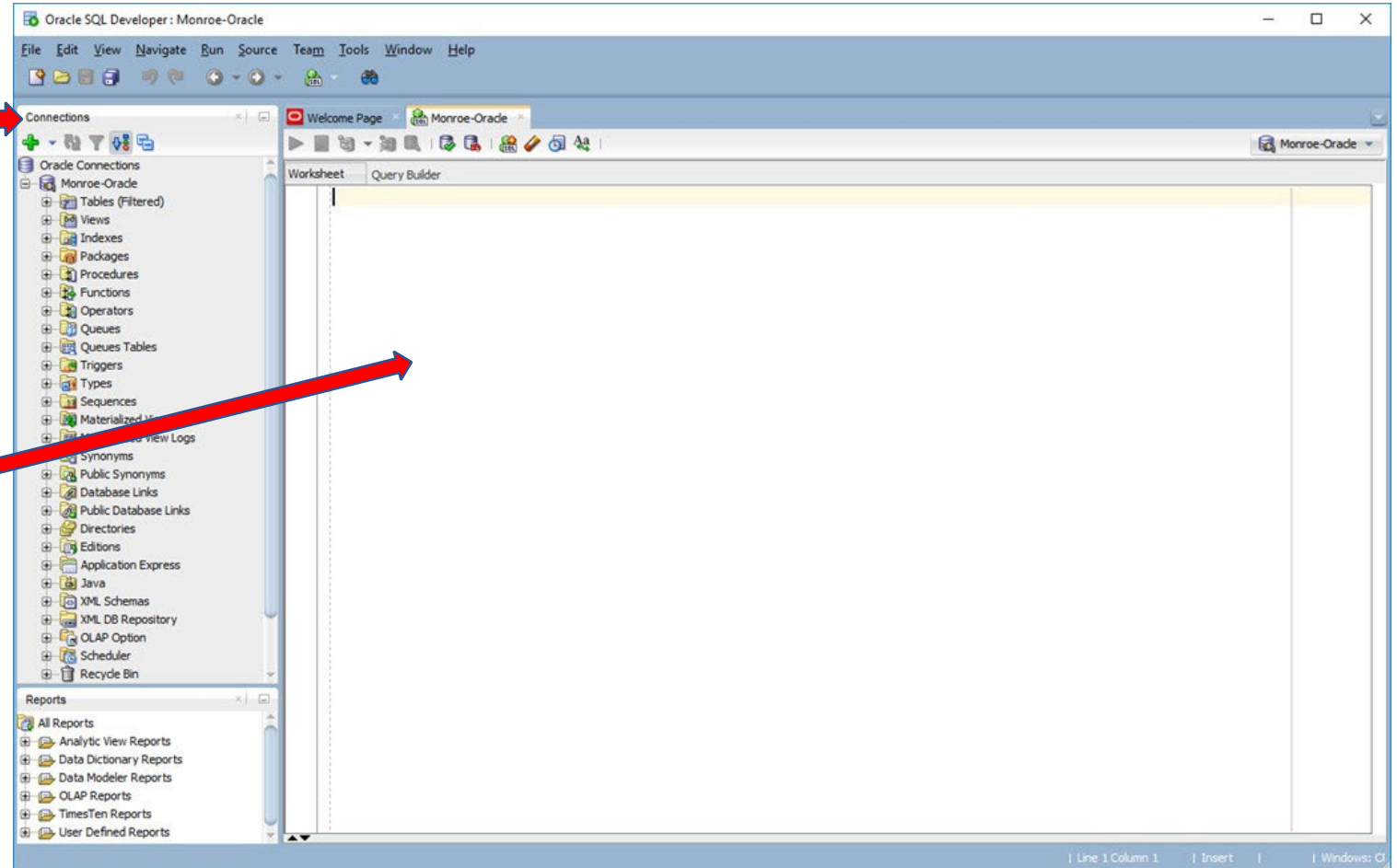
Using SQL Developer Environment...

1. Once you install SQL Developer on to your PC and set up the connection, you will get the screen to the right when you load SQL Developer...
2. Click on the “Monroe-Oracle” Connection...
3. Now, you will enter the SQL Developer environment.



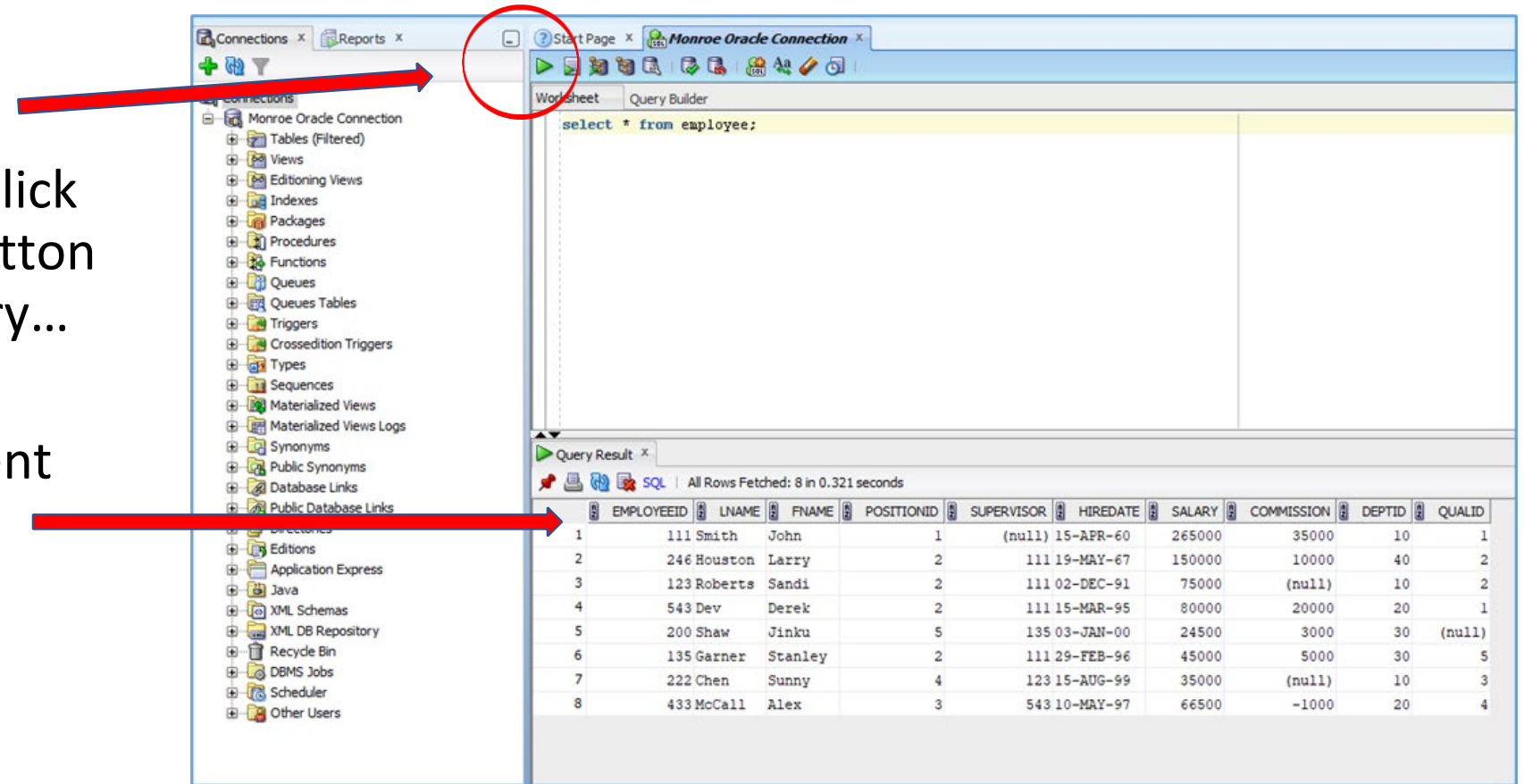
Using SQL Developer Environment...

4. On the left side of the screen, you have the Object Explorer...
5. On the right side of the screen, you have the Worksheet / Editor area...this is the area in which you will write your SQL statements...



Using SQL Developer Environment...

6. Once you enter one statement, you will click on the green play button to execute your query...
7. The query result is displayed in a different window underneath your statement window...



Questions...