BMIS441-Data Base Management **Name: _____**
Professor Chen

Installation Guide for Oracle® 11g – Express Edition (APEX)

Step 0: Register an Oracle account at www.Oracle.com

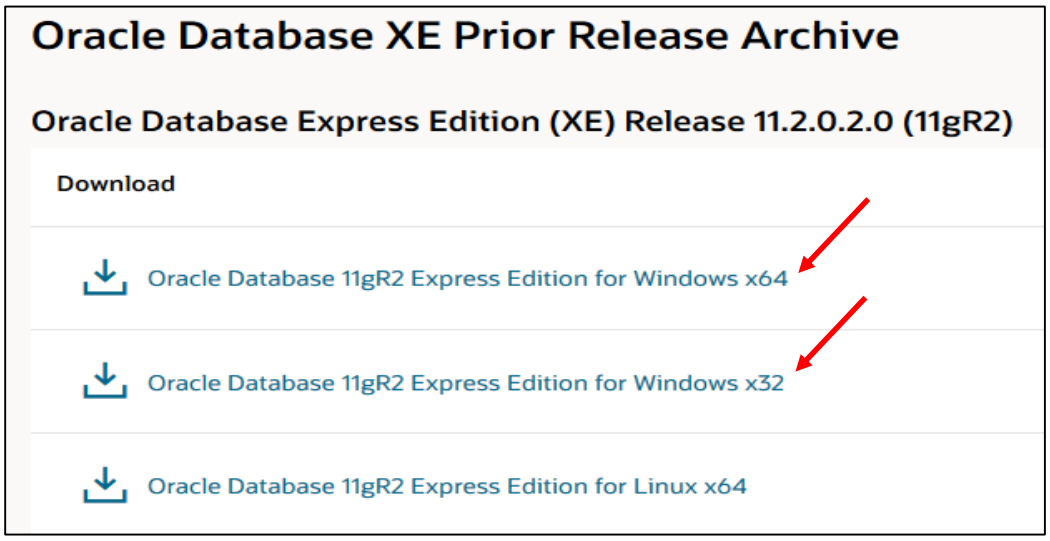
APEX Installation

Click the following link to access the software (if unavailable, please search from oracle.com)

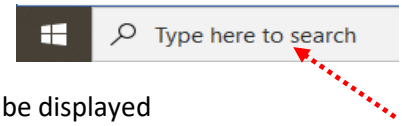
https://www.oracle.com/database/technologies/oracle-database-software-downloads.html

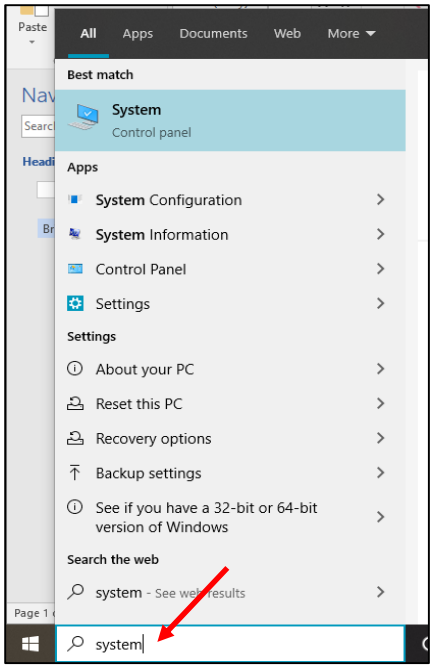
then, scroll down until you see the following, then select " … Windows 64)". (do not select 18C as 11g Release 2 is easier to install and also with all features).

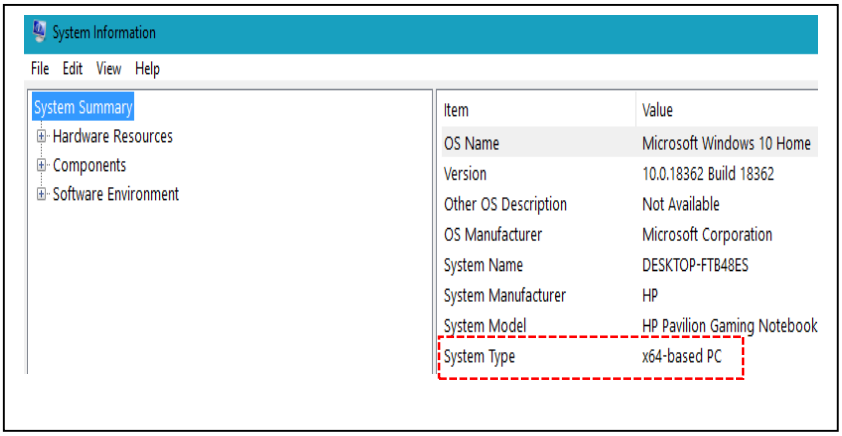
Select either x64 (64-bits) or x32 (32-bits) depending on your computer. How to check the type of your computer is x64 or x32?



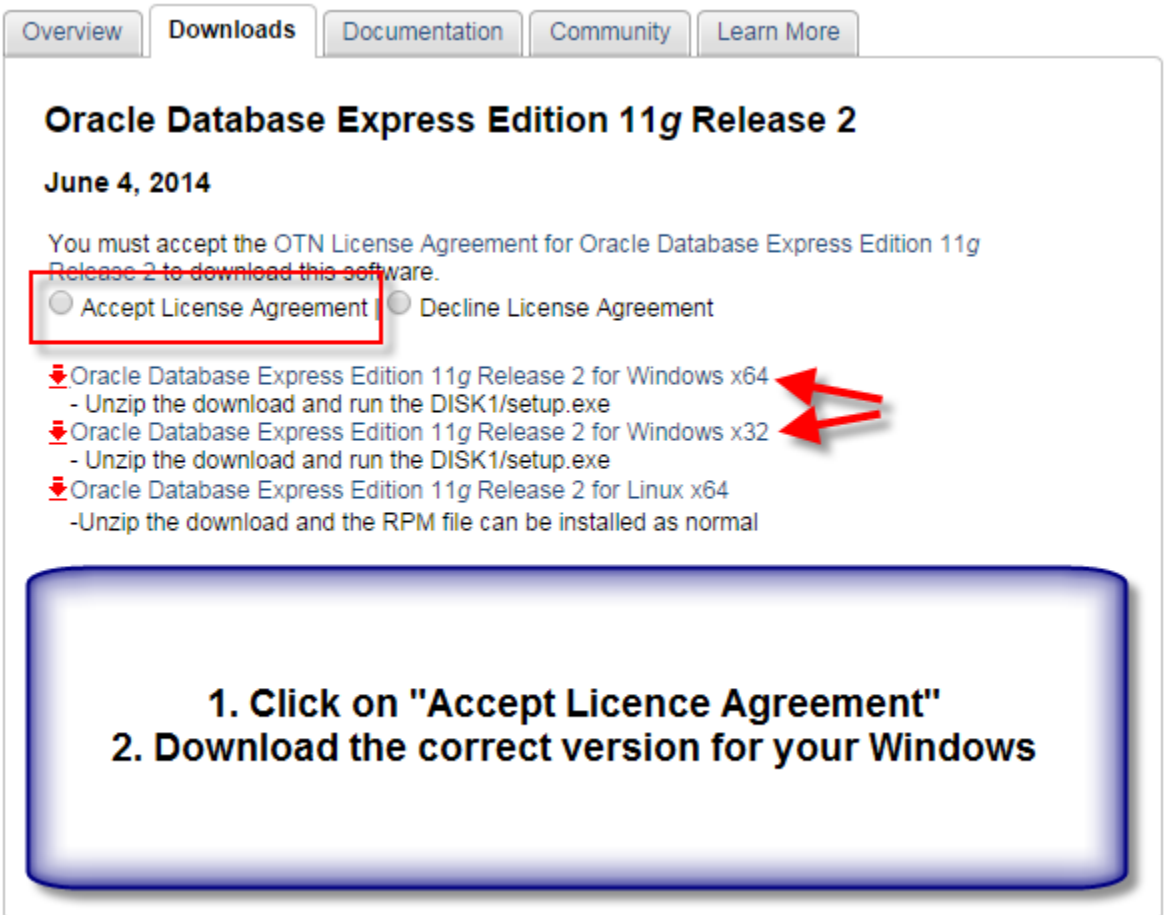
How to check:
1) Type: system on the "Windows" Search
2) select "System Information"
3) either "x-64 based PC" or "x-32-based PC" will be displayed

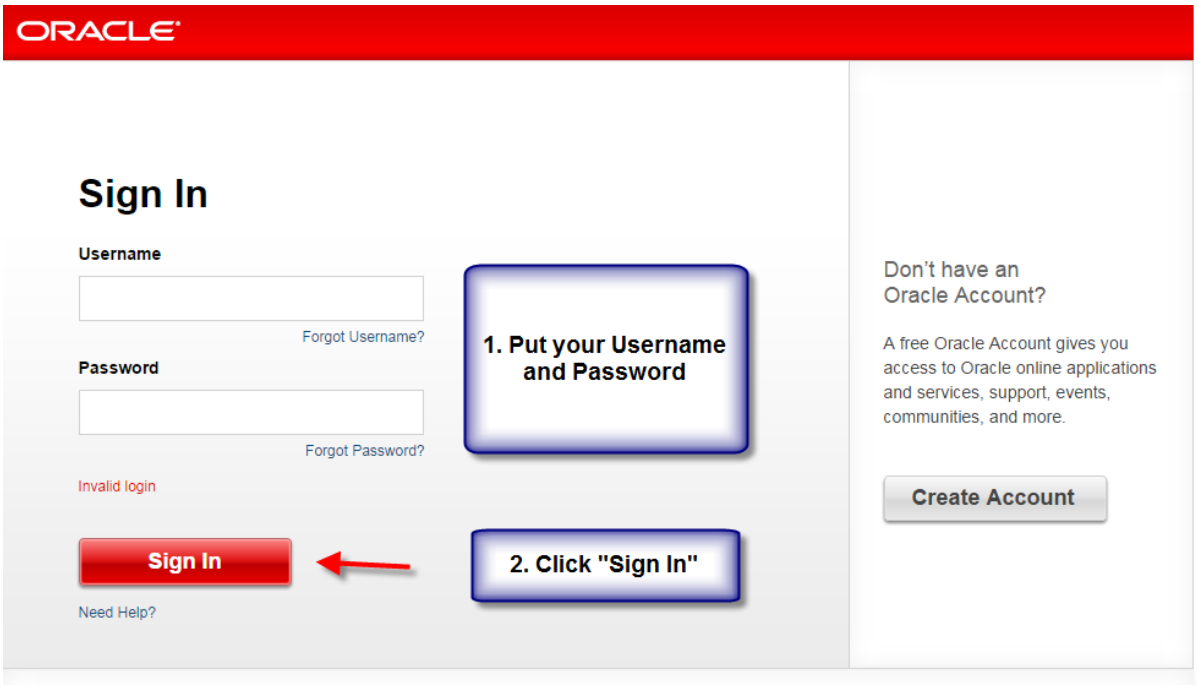


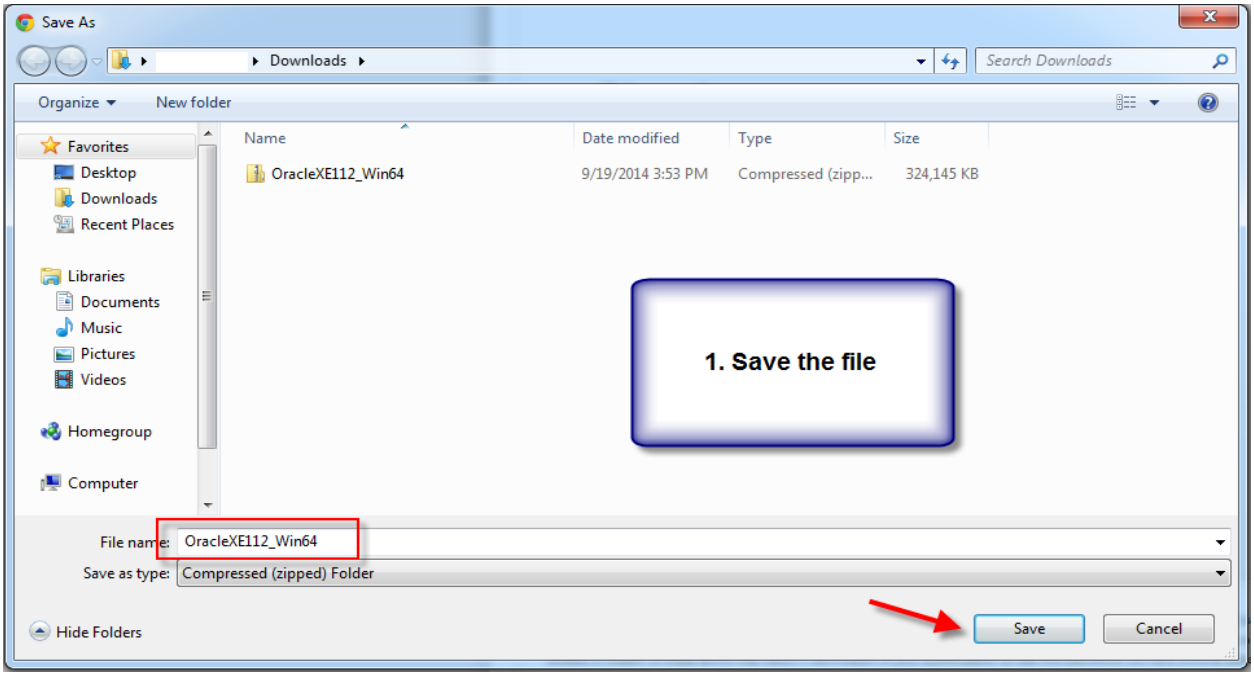




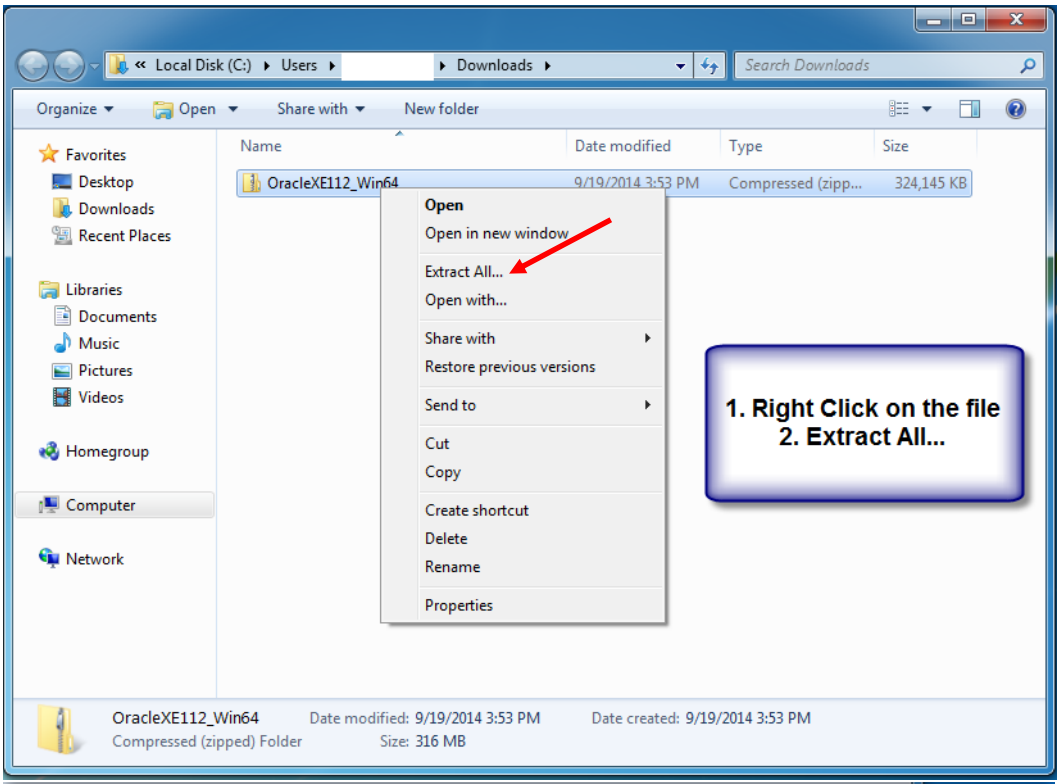
You may need to create an Oracle.com account if you have not done; otherwise, simply just sign in and "Accept License Agreement".

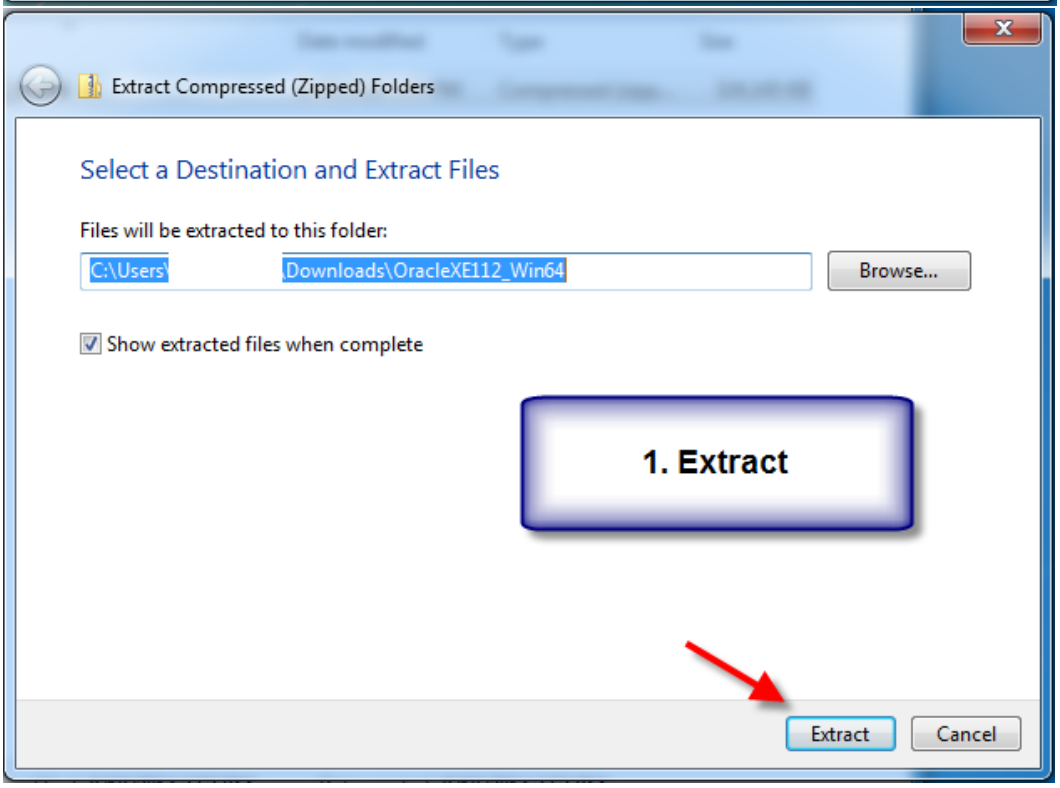


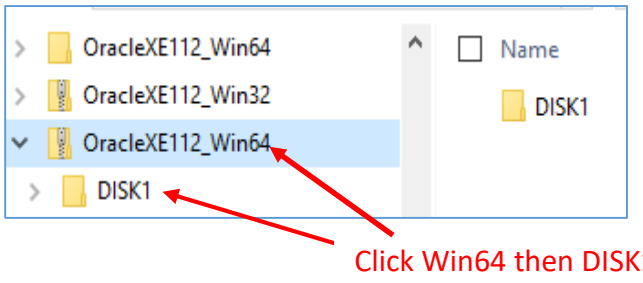

ORACLE
Sign In
Username
Forgot Username?
Password
Forgot Password?
Invalid login
Sign In
Need Help?
1. Put your Username and Password
2. Click "Sign In"
Don't have an Oracle Account?
A free Oracle Account gives you access to Oracle online applications and services, support, events, communities, and more.
Create Account


Save As
Downloads
Search Downloads
Organize
New folder
Favorites
Desktop
Downloads
Recent Places
Libraries
Documents
Music
Pictures
Videos
Homegroup
Computer
Name
Date modified
Type
Size
OracleXE112_Win64
9/19/2014 3:53 PM
Compressed (zipp...
324,145 KB
1. Save the file
File name: OracleXE112_Win64
Save as type: Compressed (zipped) Folder
Hide Folders
Save
Cancel

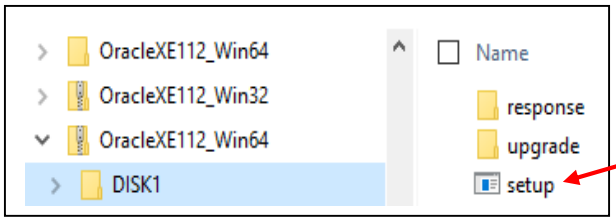
Install the “downloaded” Express File (Note: make sure to keep your Internet connected)
Right click either “OracleXE112_Win64” or “OracleXE112_Win32”



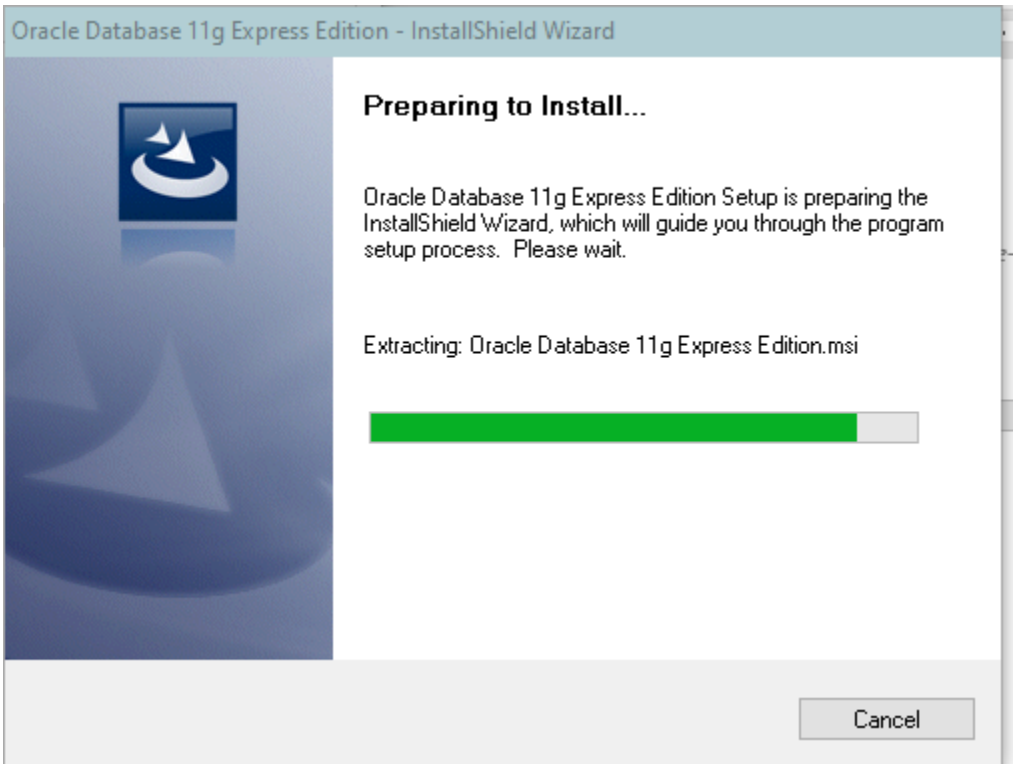


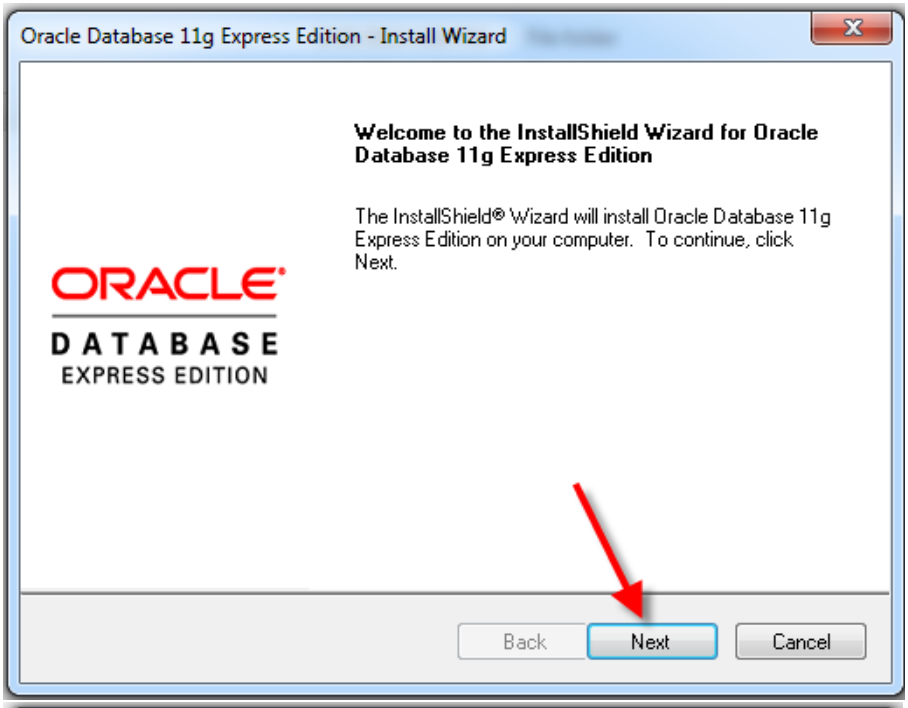


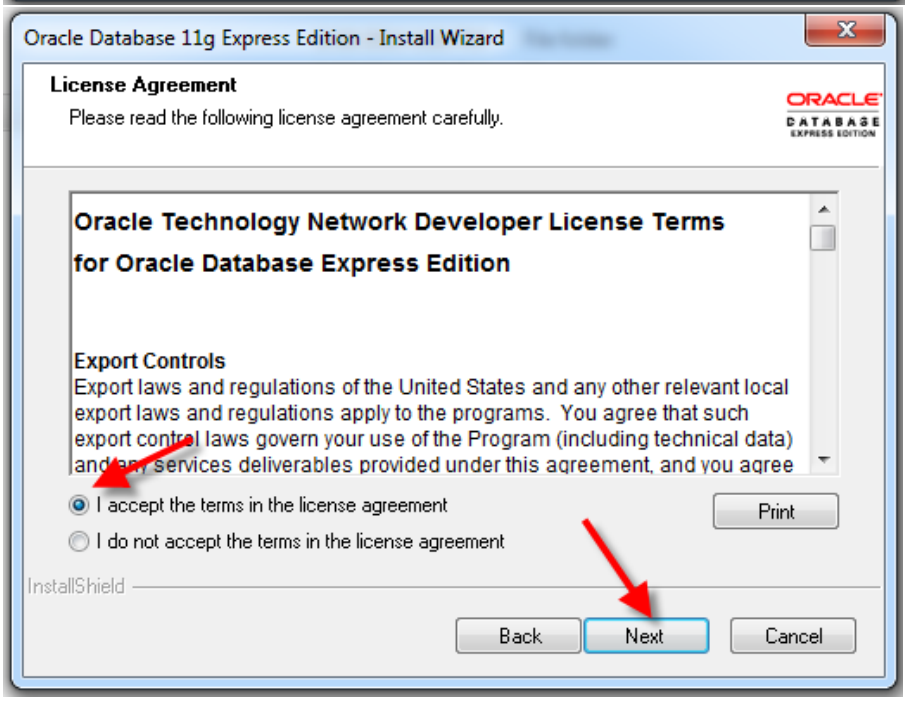
Click Win64 then DISK1

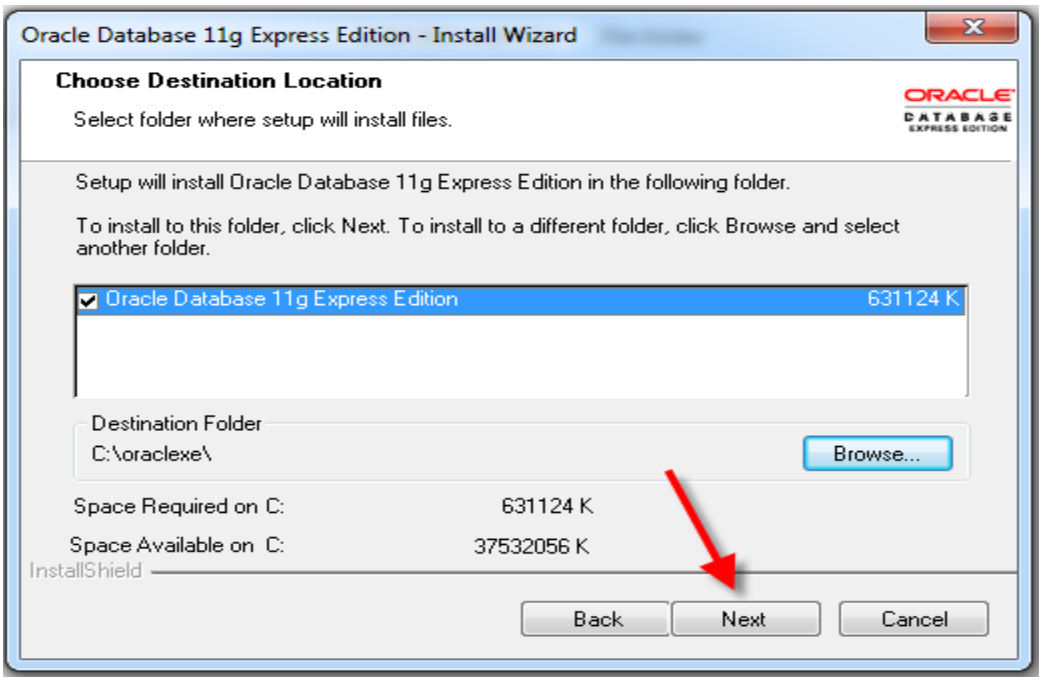


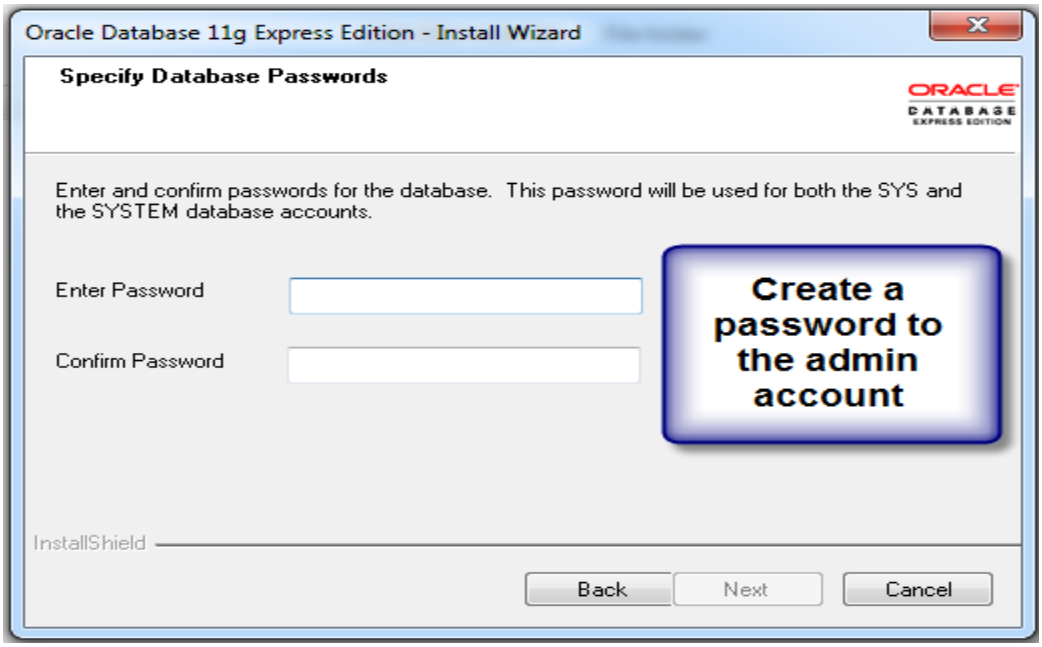
Double Click to install OracleXE



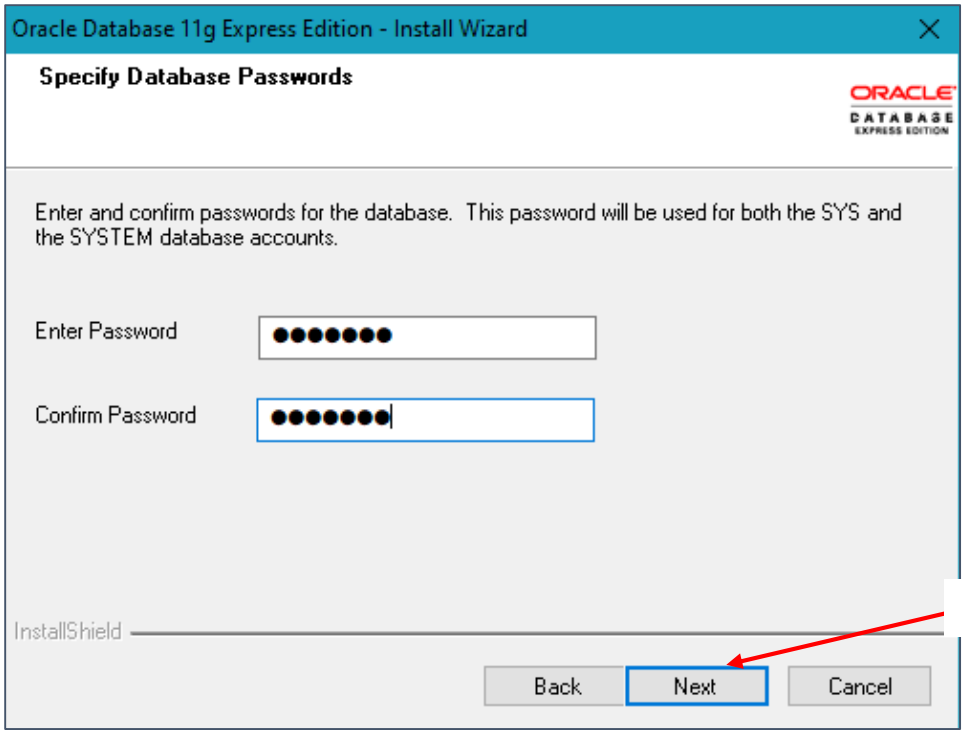

Oracle Database 11g Express Edition - Install Wizard
Welcome to the InstallShield Wizard for Oracle Database 11g Express Edition
The InstallShield® Wizard will install Oracle Database 11g Express Edition on your computer. To continue, click Next.
ORACLE
DATABASE
EXPRESS EDITION
Back
Next
Cancel

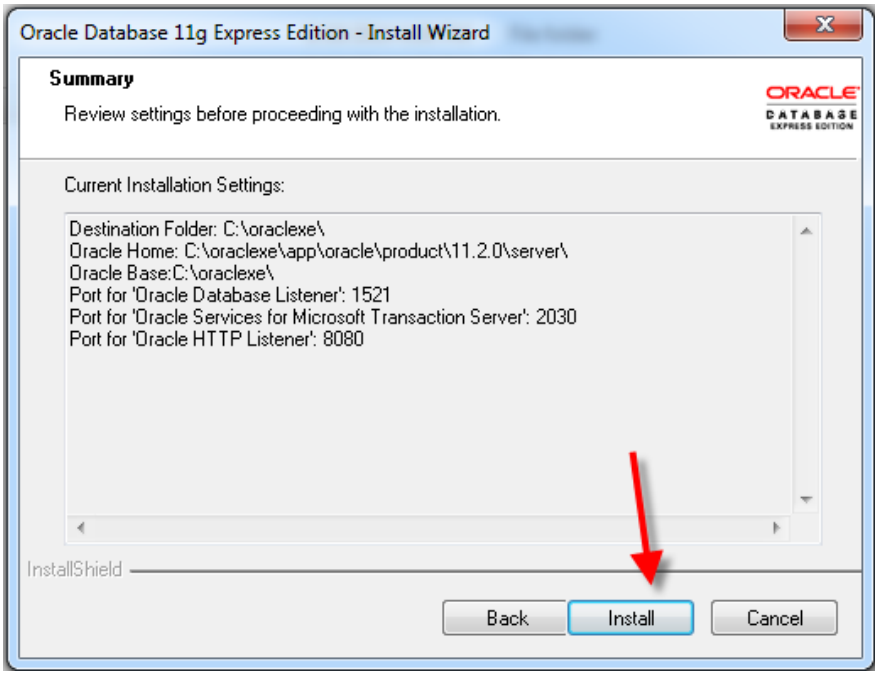

Oracle Database 11g Express Edition - Install Wizard
License Agreement
Please read the following license agreement carefully.
Oracle Technology Network Developer License Terms for Oracle Database Express Edition
Export Controls
Export laws and regulations of the United States and any other relevant local export laws and regulations apply to the programs. You agree that such export control laws govern your use of the Program (including technical data) and any services deliverables provided under this agreement, and you agree
I accept the terms in the license agreement
I do not accept the terms in the license agreement
Print
InstallShield
Back
Next
Cancel

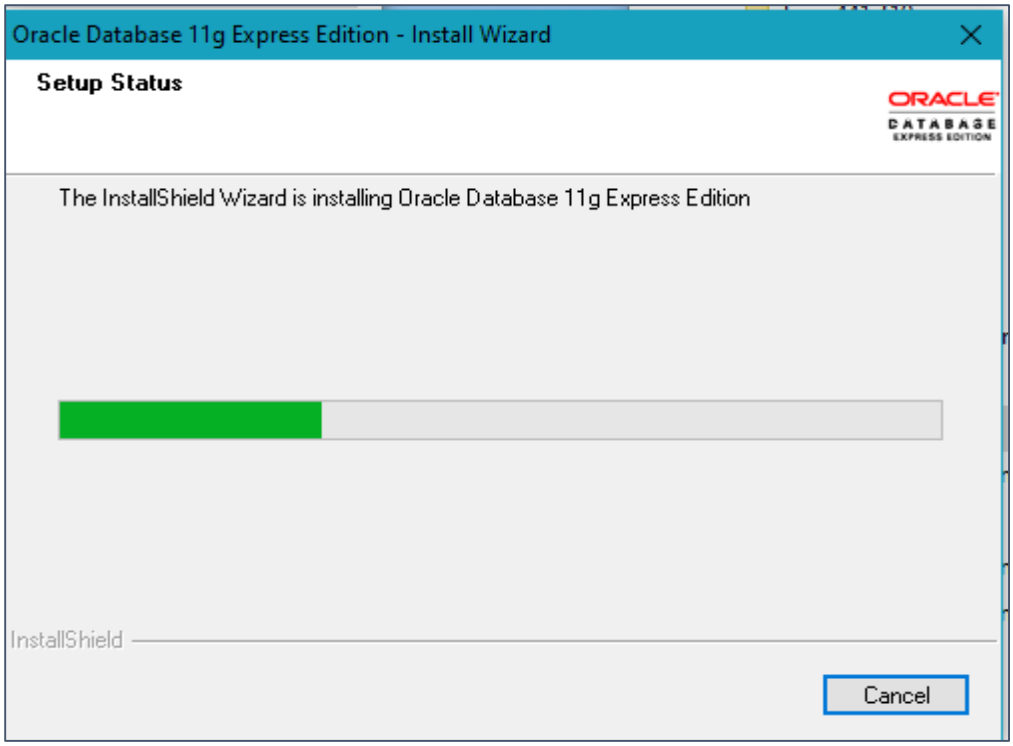


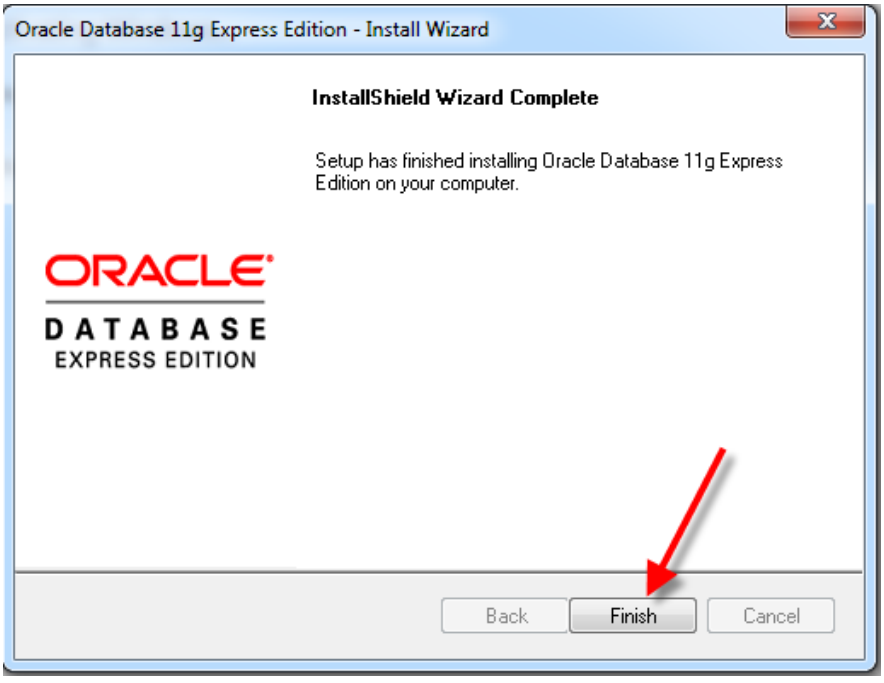


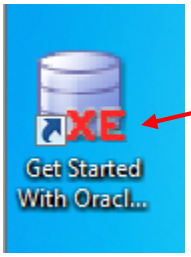
Be sure to write down the password you entered. This is the password for sys/system and also will be used for a new user (like you).


Oracle Database 11g Express Edition - Install Wizard
Specify Database Passwords
ORACLE DATABASE EXPRESS EDITION
Enter and confirm passwords for the database. This password will be used for both the SYS and the SYSTEM database accounts.
Enter Password
Confirm Password
InstallShield
Back
Next
Cancel
Click


Oracle Database 11g Express Edition - Install Wizard
Summary
Review settings before proceeding with the installation.
ORACLE DATABASE EXPRESS EDITION
Current Installation Settings:
Destination Folder: C:\oraclexe\
Oracle Home: C:\oraclexe\app\oracle\product\11.2.0\server\
Oracle Base:C:\oraclexe\
Port for 'Oracle Database Listener': 1521
Port for 'Oracle Services for Microsoft Transaction Server': 2030
Port for 'Oracle HTTP Listener': 8080
InstallShield
Back
Install
Cancel


Oracle Database 11g Express Edition - Install Wizard
Setup Status
ORACLE
DATABASE
EXPRESS EDITION
The InstallShield Wizard is installing Oracle Database 11g Express Edition
InstallShield
Cancel

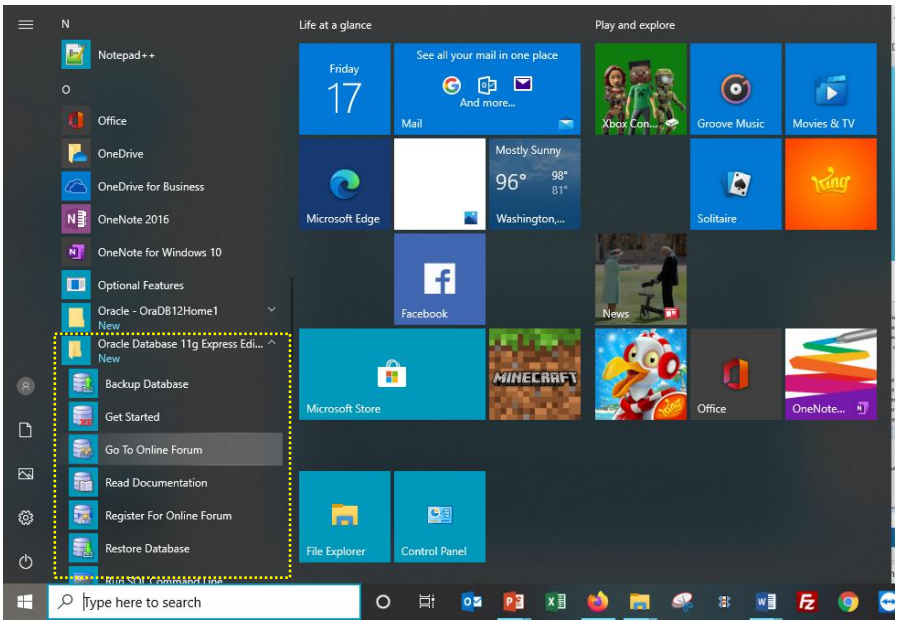

Oracle Database 11g Express Edition - Install Wizard
InstallShield Wizard Complete
Setup has finished installing Oracle Database 11g Express Edition on your computer.
ORACLE
DATABASE
EXPRESS EDITION
Back
Finish
Cancel



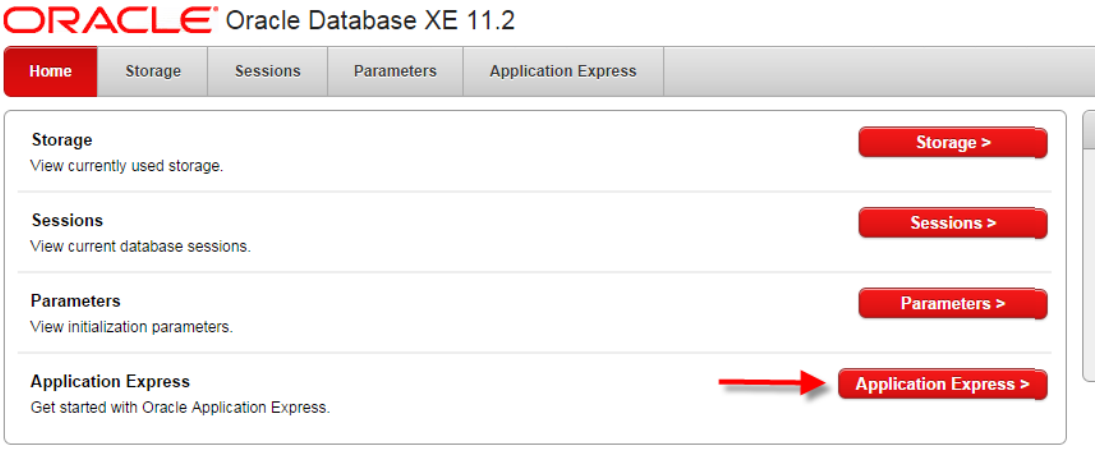
Congratulation! The installation is done.

"**XE .. Oracle**" is added to your Desktop

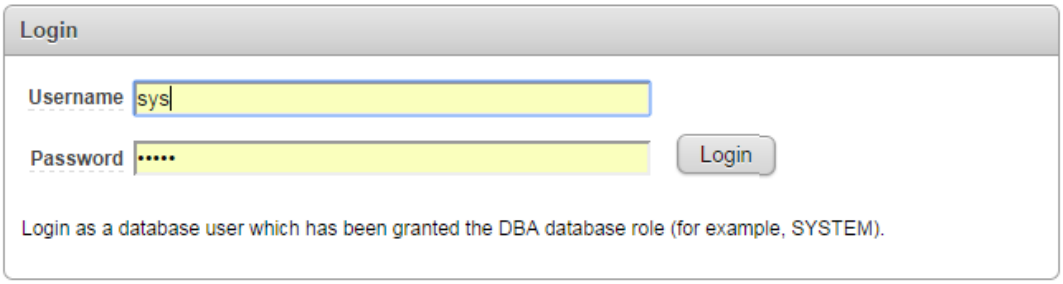
You can verify that the components of Oracle Application Express are added to Start icon.



You **must** restart the computer to confirm the Oracle APEX installation with new settings. You then click on the following icon.

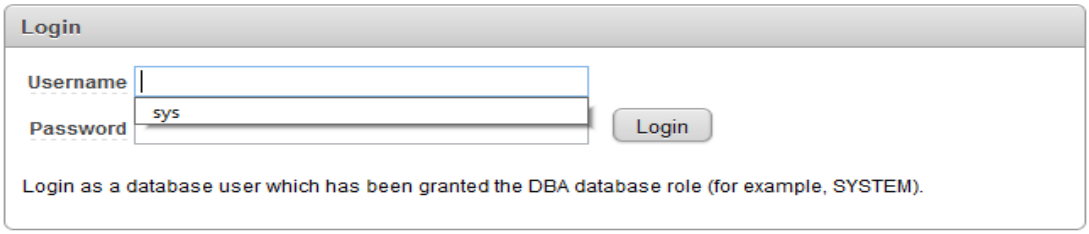


Enter Login information (the information you provided during the installation)

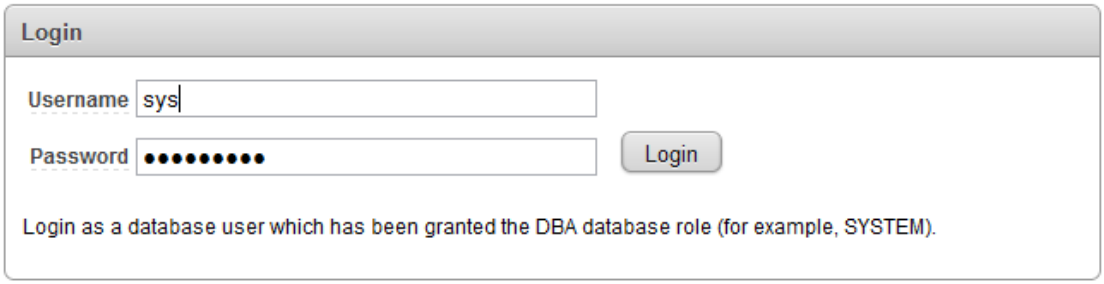


You may "click" on the space and then simply select 'sys' the password will be prompted automatically.

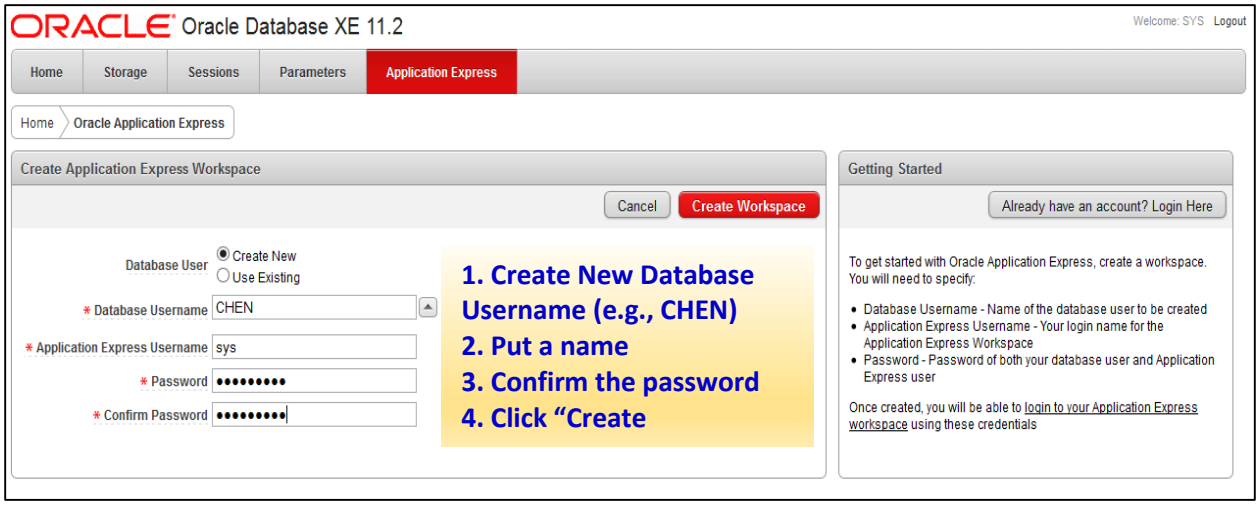
(Note, '**sys**' is Application Express Username such as Database Administer. You can add yourself (e.g., Chen) as a Database Username later).



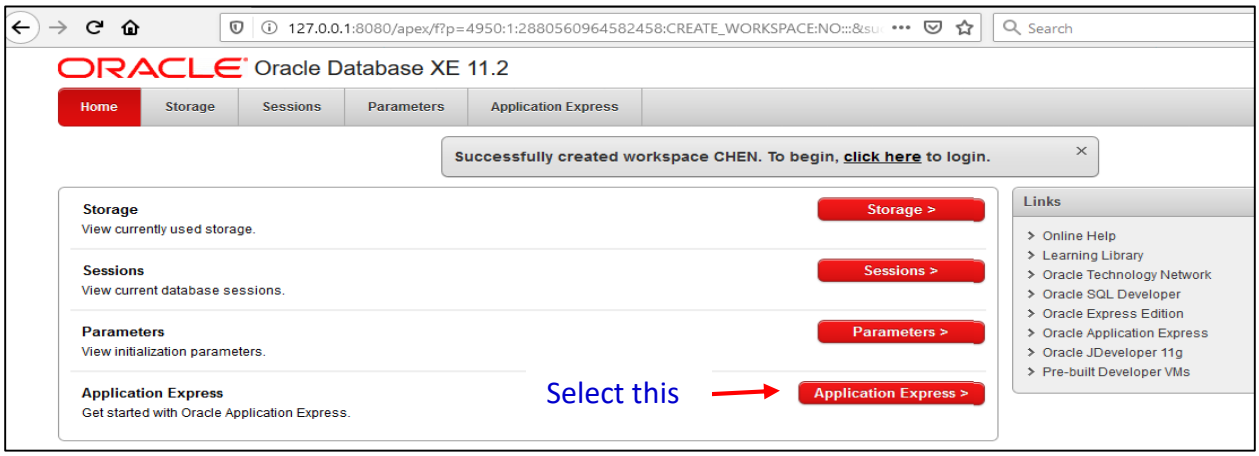
Click on "Login" to confirm login information.



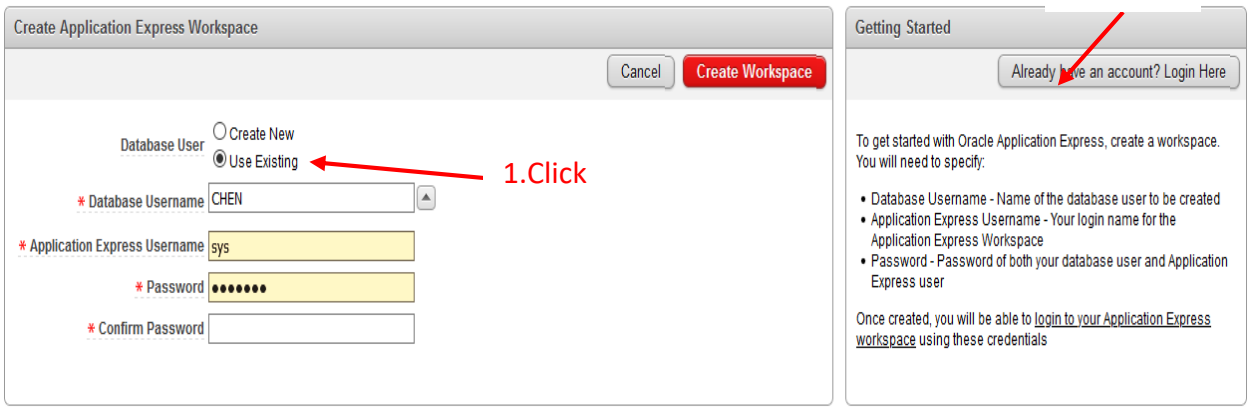
You need to "Create Workspace/a new Database User" the first time by providing a Database Username (e.g., Chen) and repeat the Username and Password to confirm the action. Be sure to write down the information you created/added (note: password will be used for both sys/system and new user-CHEN).



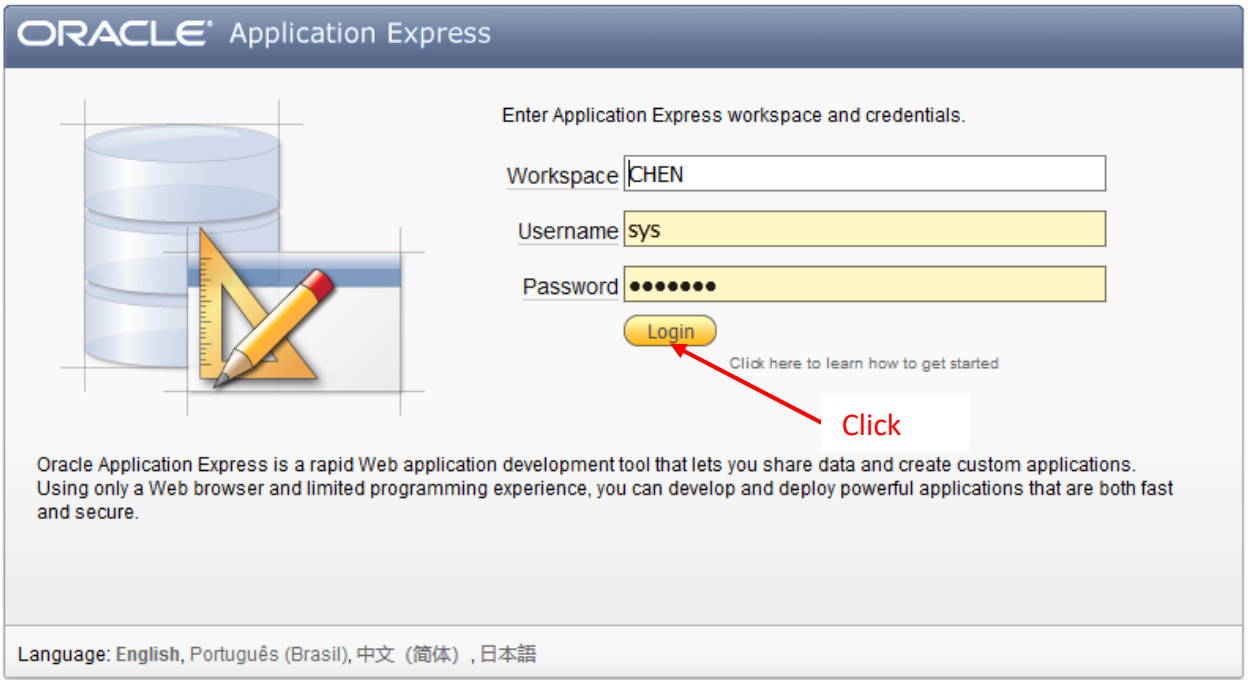
You have created all what you can run Oracle (SQL Plus)



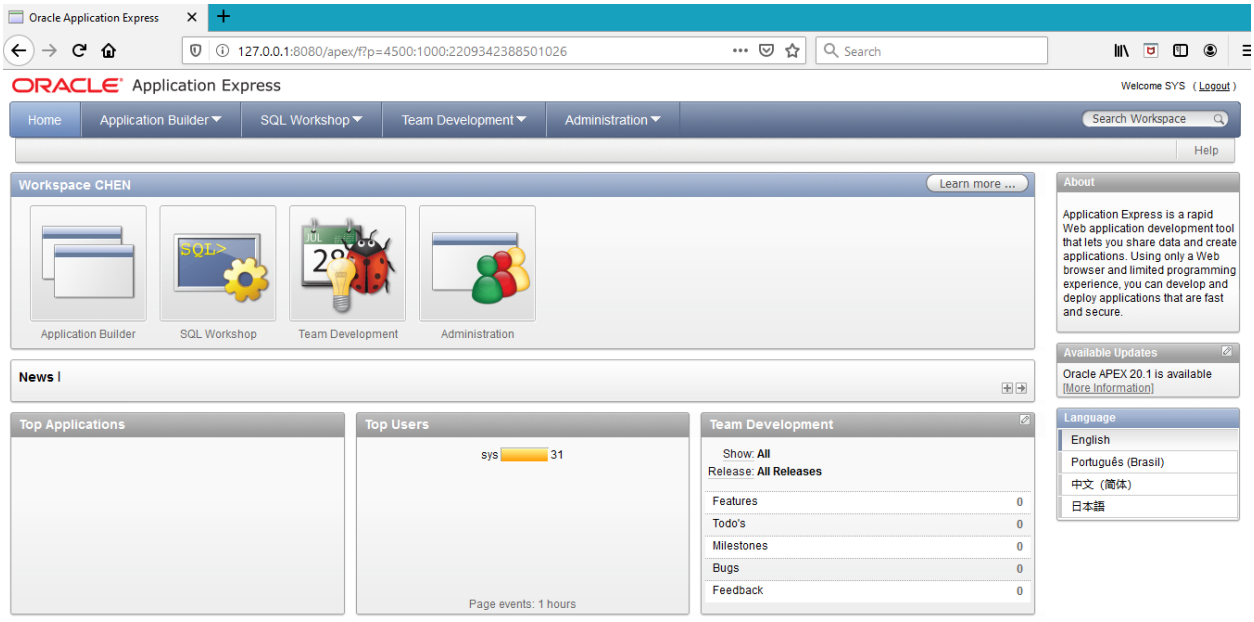
Please note that if the Workspace has been created previously such as "CHEN", you should select "Use Existing" and enter Login information. You then select "***Already has an account? Login***".



You have successfully created workspace for CHEN (a Database User). Click “Login” to start.



The following is a list of resources for Oracle Application Express Platform. However, we will focus on “**SQL PLUS**” in this class (to be compatible with the Oracle 12C client/server settings on campus).

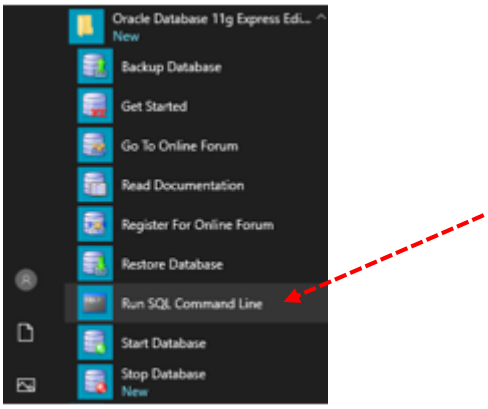


SQL PLUS

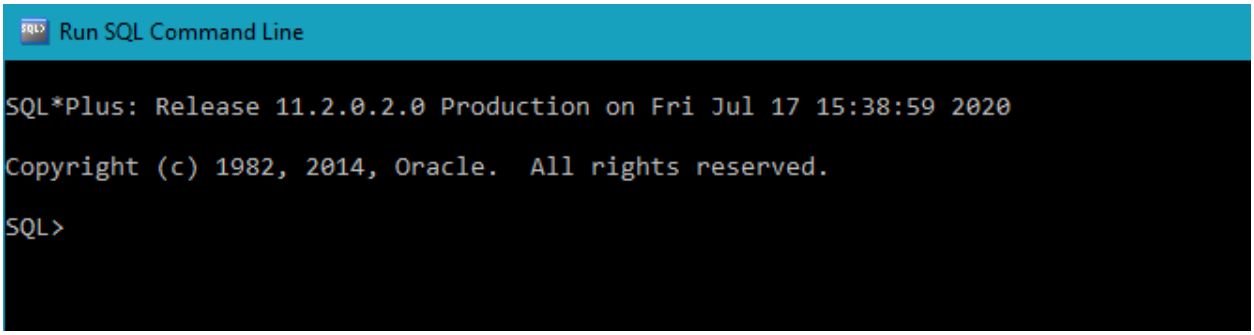
Steps to start with SQL PLUS

1. Type “Run SQL Command Line” on Windows Search

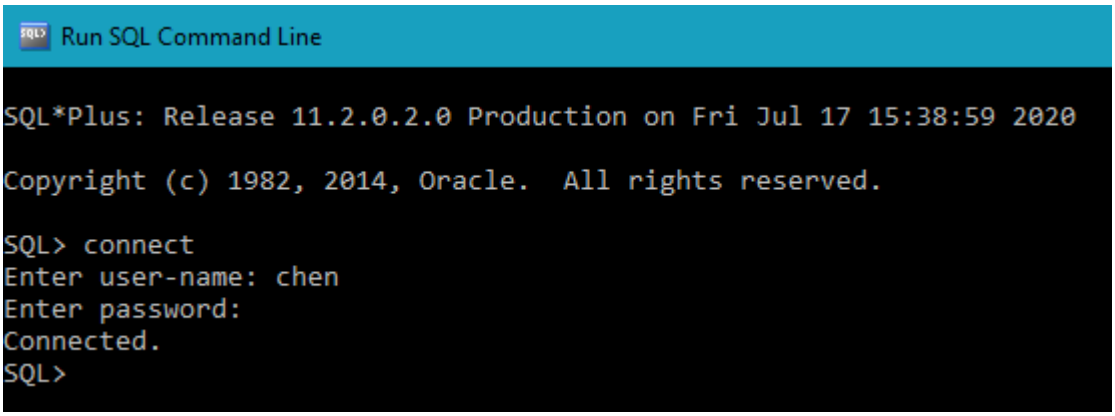
or select “Run SQL Command Line” under Oracle Database11g Express Edition scroll-down



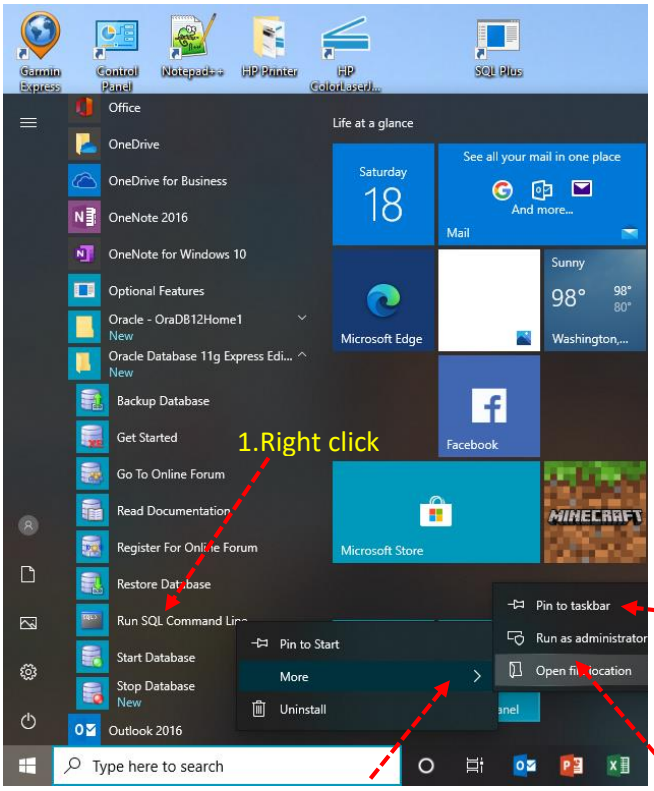
2. “Run SQL Command Line” screen appears with SQL> prompt

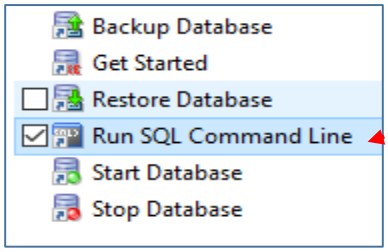


3. Continue entering the following to connect to SQL engine (your username and password you created)
Note: Password is not displayed while you are entering it.

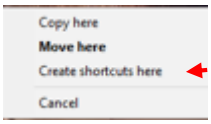


Rather than executing “Run SQL Command Line” every time it would be more convenient if we can create an icon and then simply click it to activate the APX system. See the steps as follows:



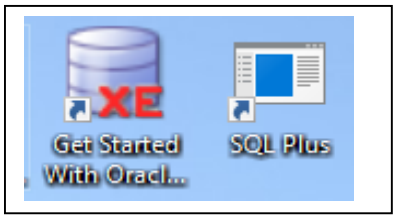


4. Right click and drag to the desktop



5. Click

The SQL icon is created. You now simple click it to run SQL PLUS.



Two icons are created for Oracle Application Express (APX) for you to explore all Oracle features.

*** Important notice: Make sure to complete this installation as soon as possible (preferably, sometime during the summer before fall semester starts) so that you can work from home to minimize the concern of coronavirus pandemic this fall. Ultimately, it will improve your learning effectiveness and optimize your investment!

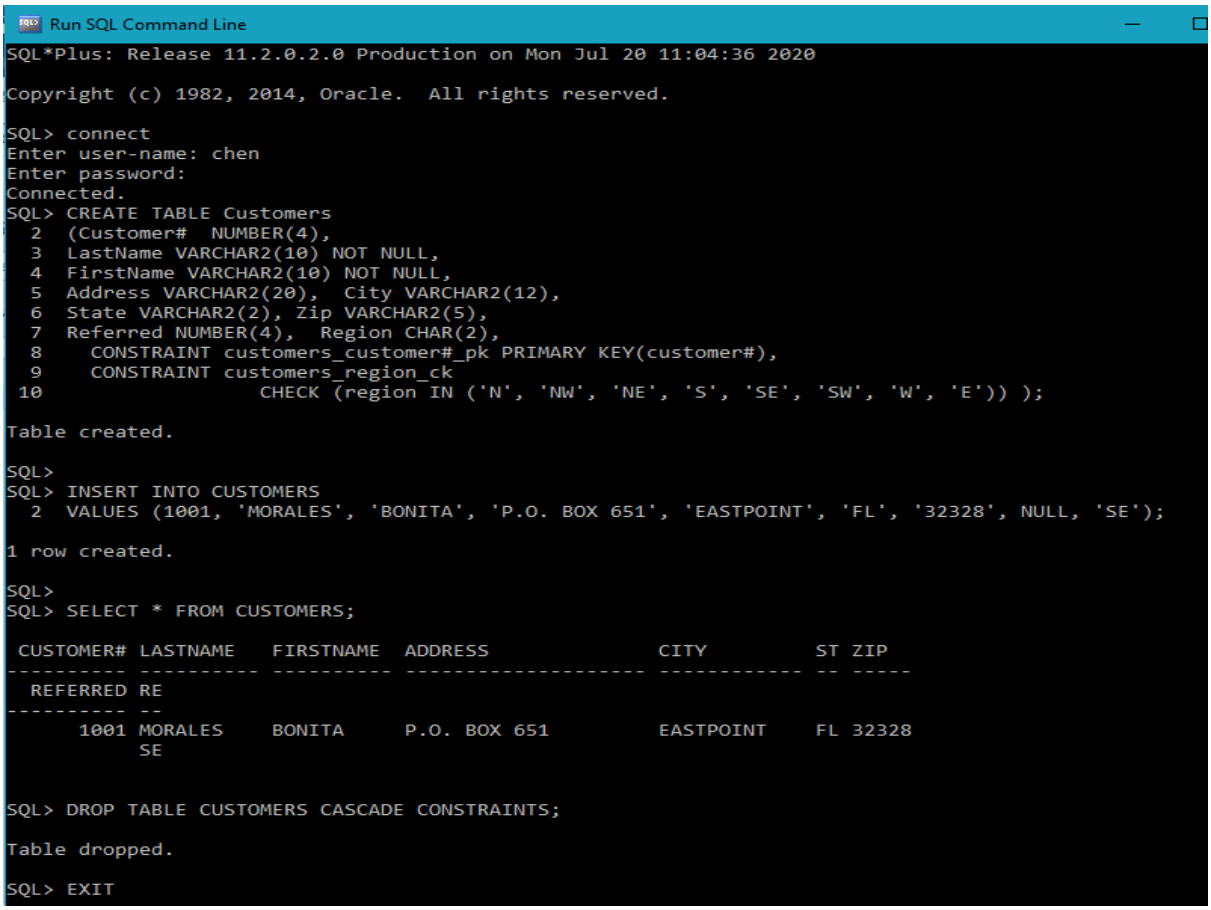
For a preliminary practice, you may type (or copy pate) the following SQL commands to SQL *PLUS to execute to see the result (you will explore more in depth in the fall). Good Luck!

```
CREATE TABLE Customers
(Customer#  NUMBER(4),
LastName VARCHAR2(10) NOT NULL,
FirstName VARCHAR2(10) NOT NULL,
Address VARCHAR2(20),  City VARCHAR2(12),
State VARCHAR2(2), Zip VARCHAR2(5),
Referred NUMBER(4),  Region CHAR(2),
 CONSTRAINT customers_customer#_pk PRIMARY KEY(customer#),
 CONSTRAINT customers_region_ck
          CHECK (region IN ('N', 'NW', 'NE', 'S', 'SE', 'SW', 'W', 'E')) );

INSERT INTO CUSTOMERS
VALUES (1001, 'MORALES', 'BONITA', 'P.O. BOX 651', 'EASTPOINT', 'FL', '32328', NULL, 'SE');

SELECT * FROM CUSTOMERS;
DROP TABLE CUSTOMERS CASCADE CONSTRAINTS;
```

The following is a result (captured screen) from the SQL commands you entered illustrated above.



Finally, enter EXIT or quit to exit the SQL *PLUS