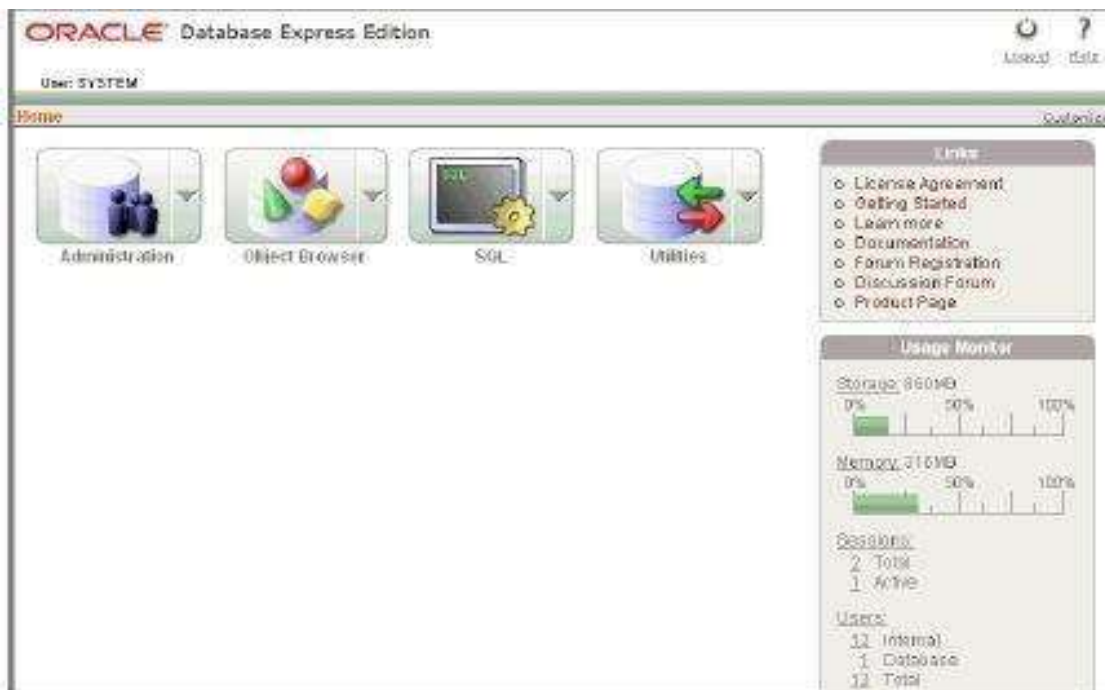The Oracle Database XE home page appears.

2. Unlocking the Sample User Account

To create your application, you need to log in as a database user. Oracle Database XE comes with a sample database user called HR. This user owns a number of database tables in a sample schema that can be used to create applications for a fictional Human Resources department. However, for security reasons, this users account is locked. You need to unlock this account before you can build a sample application.

To unlock the sample user account:

1. Make sure you are still logged on as the database administrator, as described in the previous section.

2. Click the Administration icon, and then click Database Users.

3. Click the HR schema icon to display the user information for HR.

- Under Manage Database User, enter the following settings:
- Password and Confirm Password: Enter hr for the password.
- Account Status: Select Unlocked.
- Roles: Ensure that both CONNECT and RESOURCE are enabled.

4. Click Alter User.

Now you are ready to create your first application.

3. Logging in as the Sample User Account

To log in as the sample user account:

1. Log out from the database administrator account by clicking Logout in the upper right corner of the Database Home Page.

2. In the window, click Login.

3. In the Login window, enter hr for both the user name and password.

4. Click Login.

The Database Home Page appears.

4. Creating a Simple Application

Creating an application is an easy way to view and edit your database data. You create this application based on the EMPLOYEES table, which is part of the HR schema.

To create an application based on the EMPLOYEES table:

1. On the Database Home Page, click the Application Builder icon.

2. Click the Create button.

3. Under Create Application, select Create Application and click Next.

4. Under Create Application:

a. Name: Enter MyApp.

b. Accept the remaining defaults.

c. Click Next.

Next, add pages to your application.

5. Under Add Page:

a. For Select Page Type, select Report and Form.

Notice that Action describes the type of page you are adding.

b. Next to the Table Name field, click the up arrow, and then select EMPLOYEES from the Search Dialog window.

c. Click Add Page.

Two new pages display at the top of the page, under Create Application.

d. Click Next

6. On the Tabs panel, accept the default (One Level of Tabs) and click Next.

7. On the Shared Components panel, accept the default (No) and click Next.

This option enables you to import shared components from another application. Shared components are common elements that can display or be applied on any page within an application.

8. For Authentication Scheme, Language, and User Language Preference Derived From, accept the defaults and click Next.

9. For the theme, select Theme 2 click Next. Themes are collections of templates that you can use to define the layout and style of an entire application.

10. Confirm your selections. To return to a previous wizard page, click Previous.

To accept your selections, click Create.

After you click Create, the following message displays at the top of the page:

Application created successfully.
5. Running Your New Application:

To run your application:

1. Click the Run Application icon.

Run Application

In the log in page, enter hr for both the User Name and Password. Your

application appears, showing the EMPLOYEES table.

3. Explore your application.

You can query the EMPLOYEES table, if you want. To manage the application, use the Developer

toolbar at the bottom on the page.

The Developer toolbar offers a quick way to edit the current page, create a new page, control, or

component, view session state, or toggle debugging or edit links on and off.

4. To exit your application and return to Application Builder, click Edit Page 1 on the Developer

toolbar.

5. To return to the Database Home Page, select the Home breadcrumb at the top of the page.

Congratulations! You have just created your first application using Oracle Database XE.

6. Using the Oracle Database XE Menus:

You can use the Oracle Database XE menus to perform basic functions with Oracle Database

XE. To see the menus, do the following:

■ On Windows, from the Start menu, select Programs (or All Programs) and then Oracle Database

10g Express Edition.

■ On Linux, click the Application menu (on Gnome) or the K menu (on KDE) and then point to

Oracle Database 10g Express Edition. The

following menu items are available:

■ Get Help: Displays the following selections:

- Go To Online Forum: Displays the online forum for discussions about Oracle Database XE.

- Read Documentation: Displays the Oracle Database XE documentation library on the Internet.

- Read Online Help: Displays the Oracle Database XE online help. This help is only available if

the database is started.

■Register For Online Forum: Allows you to register for the Oracle Database XE online forum.

■Backup Database: In NOARCHIVELOG mode (the default), shuts down the database, backs it up, and then restarts it. In ARCHIVELOG mode, performs an online backup of the database. For more information on backups, refer to Oracle Database Express Edition 2 Day DBA.

■ Get Started: Link to this tutorial.

■ Go To Database Home Page: Displays the Oracle Database XE Home Page in your default browser. "Logging in as the Database Administrator" on page 1 explains how to log into this home page as a database administrator.

■ Restore Database: Shuts down and then restores the database to the most recent backup. For more information on restoring a database, refer to Oracle Database Express Edition 2 Day DBA.

■ Run SQL Command Line: Starts the SQL Command Line utility for Oracle Database XE. To connect to the database, issue the following command at the **SQL prompt that appears**:
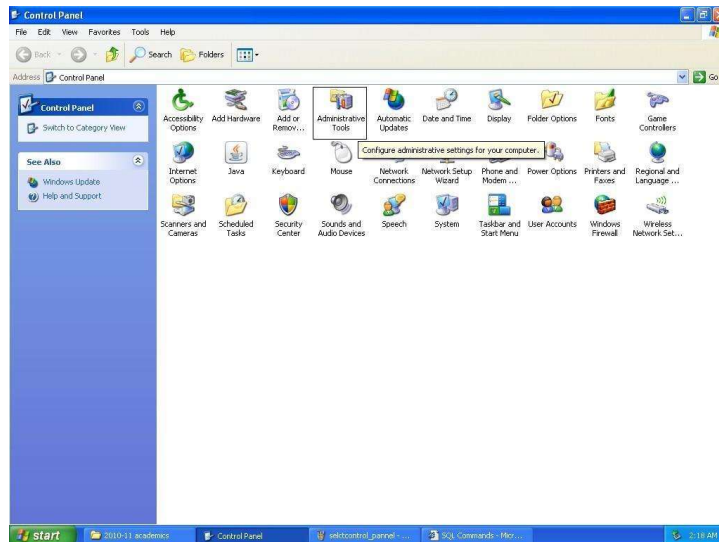
Connect username/password

where username is the user name, such as sys, system, or another account name, and password is the password that was assigned when Oracle Database XE was installed. The get help, you can enter the command help at the SQL prompt, once you have connected to the database.

■ Start Database: Starts Oracle Database XE. By default, the database is started for you after installation and every time your computer is restarted. However, if you think the database is not running you can use this menu item to start it.

Stop Database: Stops Oracle Database XE.
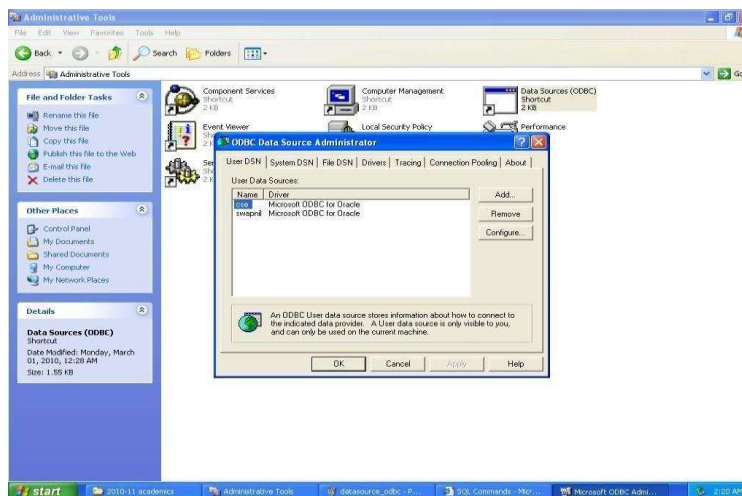
How to create ODBC connectivity

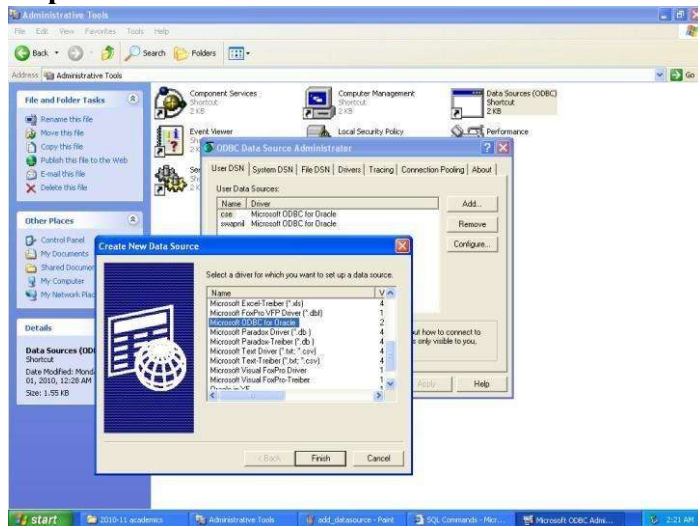**STEP 1:** go to control panel and open Administrative tools

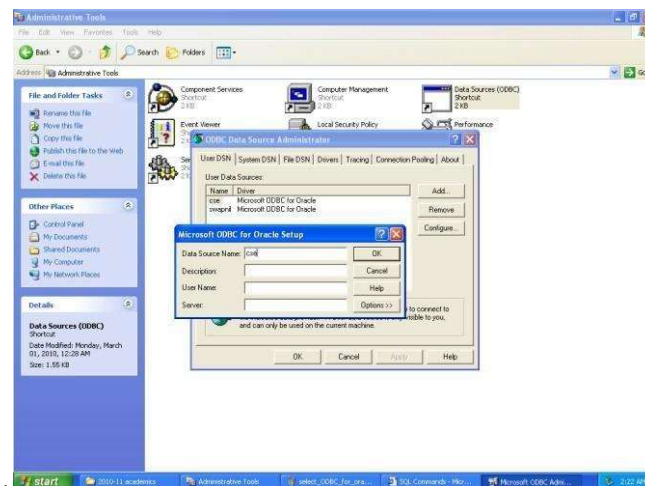**Step 2:** select data source (ODBC) and open

Step 3: Click Add…

Step 4: Select Microsoft ODBC for Oracle then click Finish.

Step 5: Enter Data Source Name(in prevision example it is "cse") and click Ok
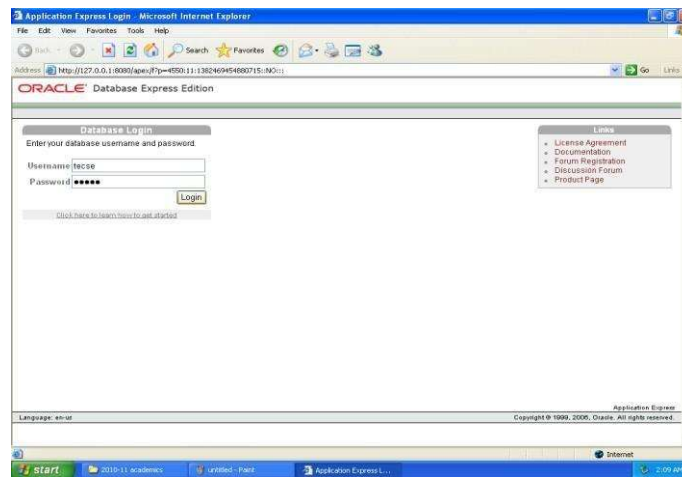

After compilation it will create DSN for oracle. This DSN is used during java program for connection con = DriverManager.getConnection("jdbc:odbc:**cse**","tecse","tecse");

How to run SQL queries in oracle 10 g.

Step1 : Select Oracle Database 10g Express Edition - Go To Database Home Page from Start menu

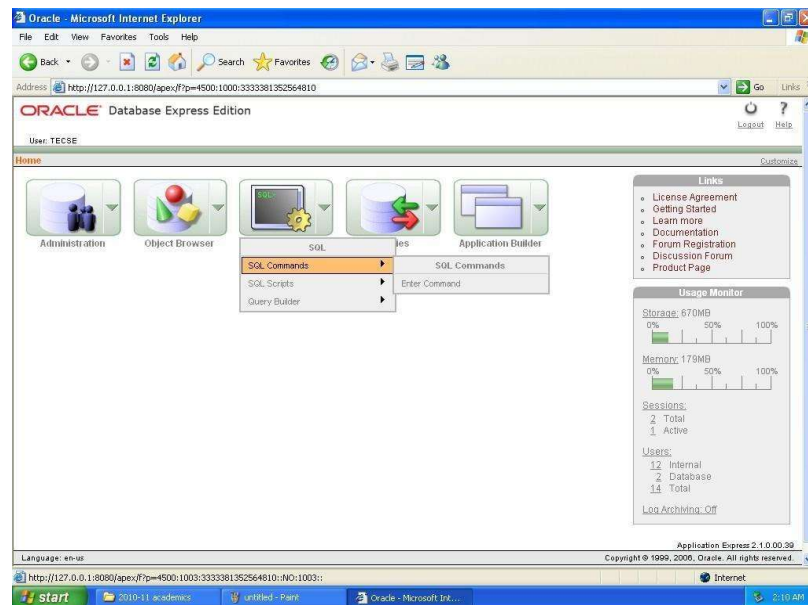**Step 2:** login to oracle 10 g using username and password

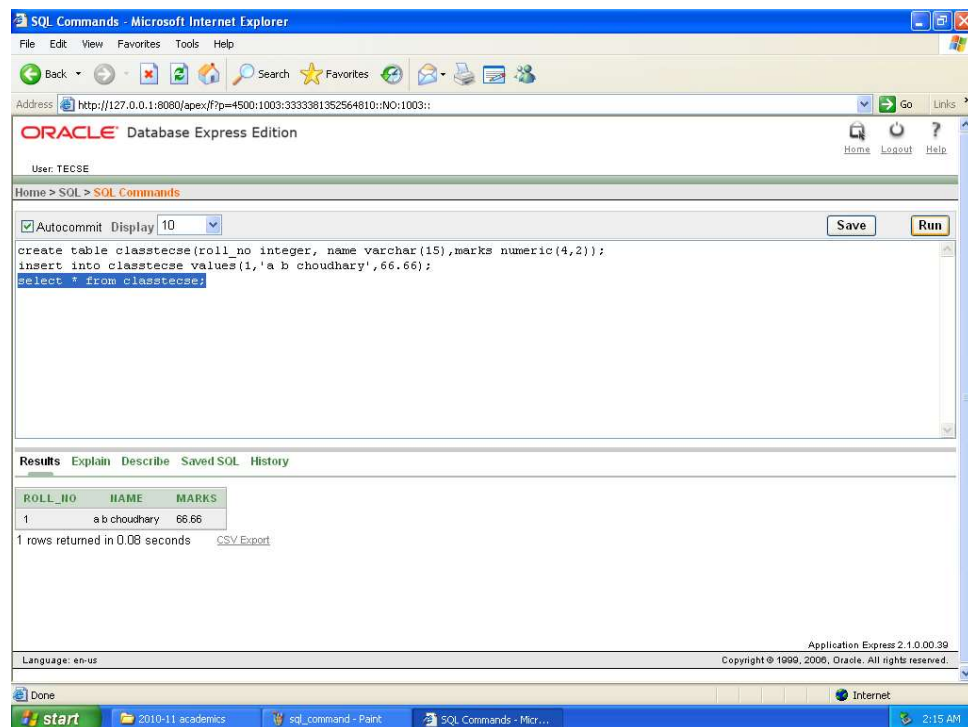In our example we used username: tecse and password; tecse

 i.e. con = DriverManager.getConnection("jdbc:odbc:cse","tecse","tecse");

Passsword given at the time of installation is for user system which can used for create new users.

Step 3 : select SQL – SQL Commands – Enter Command

Step 4: type query then select and click Run button. You will get result in result window

e.g. select * from classtecse

Also we create different users and assign privileges through create user.

Role Name	Description
CONNECT	Enables a user to connect to the database. Grant this role to any user or application that needs database access.

Role Name	Description
RESOURCE	Enables a user to create certain types of schema objects in his own schema. Grant this role only to developers and to other users that must create schema objects. This role grants a subset of the *create object* system privileges. For example, it grants the CREATE TABLE system privilege, but does not grant the CREATE VIEW system privilege. It grants only the following privileges: CREATE CLUSTER, CREATE INDEXTYPE, CREATE OPERATOR, CREATE PROCEDURE, CREATE SEQUENCE, CREATE TABLE, CREATE TRIGGER, CREATE TYPE
DBA	Enables a user to perform most administrative functions, including creating users and granting privileges; creating and granting roles; creating and dropping schema objects in other users' schemas; and more. It grants all system privileges, but does not include the privileges to start up or shut down the database. It is by default granted to user SYSTEM.

Conclusion: We have install Oracle Database 10g Express Edition (Oracle Database XE) successfully.