Here is a list of the Oracle course install alternatives.

1. ***ALTERNATIVE #1***. Access to the course schema using a student's ***existing*** non-production database username.
    1.1. While connected to SYSTEM on the database instance:
        1.1.1. Verify the student's existing username has the following two permissions which are the minimum required for the course:

        create session
        create table

        1.1.2. Verify the student's existing username has at least a

        10m quota

        on the student's default tablespace. More might be needed if that student's schema already has a large number of objects.
    1.2. While connected to each student's existing username, run the **Northwind-Oracle-data.sql** script to create the schema tables and their data.
    1.3. Note that this alternative assumes the student's computer already has SQL Developer installed on it and a connection to the student's existing username. If not, see **Connecting to the Studentxx Schema** below.

2. ***ALTERNATIVE #2***. Access to the course schema using a specially created student username for each student in a non-production database.
    2.1. While connected to SYSTEM on the database instance, for each new student username:
        2.1.1. Run the **Northwind-Oracle-create-schema.sql** script.
            2.1.1.1. First, be sure to modify the script to reflect the appropriate tablespace names for your database instance. And, of course, modify the username before each execution of the script.
            2.1.1.2. Remember, in Oracle 11g and up, passwords are case sensitive by default.
    2.2. While connected to each student's username on the database instance, run the **Northwind-Oracle-data.sql** script to create the schema tables and their data.
    2.3. Set up the client on each student's computer (see **Connecting to the Studentxx Schema** below).

Connecting to the Studentxx Schema

NOTE: The instructor will be demonstrating the course material using SQL Developer, but will not be teaching details about how to use SQL Developer. If your organization uses a different client tool, that's okay, as long as the students have been briefed on how to use that client tool. The instructor will not be able to take the time to go over the details of using SQL Developer or any other tool during class; the amount of material to be covered will not allow for it.

1) Download SQL Developer from Oracle on to each student's computer:
   a) If the student computer is a Windows 32 bit platform go here: http://www.oracle.com/technetwork/developer-tools/sql-developer/downloads/sqldev-downloads-v322-2080107.html. On that page, click on the download link for "Windows 32-bit - zip file includes the JDK1.6.0_35".
   b) If the student computer is a Windows 64 bit or other platform, go here: http://www.oracle.com/technetwork/developer-tools/sql-developer/downloads/index.html. **NOTE**: For Windows 64 bit platforms on that page, click on the download link for "Windows 64-bit - zip file includes the JDK 7".
   c) If necessary, create an Oracle folder located on the root (c: if windows). Extract the downloaded **sqldeveloper.zip** to Oracle folder.
   d) In the Oracle folder you'll now find a sqldeveloper folder. Create a shortcut on the desktop for **sqldeveloper.exe.**
   e) Double-click the shortcut to start SQL Developer.
2) In SQL Developer click on the green **+** under the Connections tab (which is on the left), and add the criteria below (only some is case sensitive, but treat everything as if case sensitive):
   a) Connection Name: studentxx
   b) Username: studentxx
   c) Password: studentxx
   d) Hostname: database_server_name
   e) Port: 1521
      a) 1521 is the default port; it's possible your SID is running on a different port number
   f) SID: the_database_sid
   g) Click the "Save Password" checkbox.
3) Click on "Test". You should see "Status: Success" above the "Help" button.
4) Click on "Connect" which will both save the connection and open a SQL worksheet. Note that the tab name for your worksheet is the same as your connection name.
5) Type the following query
      SELECT * FROM Employees;
   and click on the second green play button (F5) on the **worksheet's** tool bar

   to run the sql code. You should see 9 rows of employees.
6) On each student's computer, create a Webucator folder on the root. Click here to download the class files: http://www.webucator.com/ClassFiles/getClassFiles.cfm?CourseID=SQL101. Unzip the file in the Webucator folder.