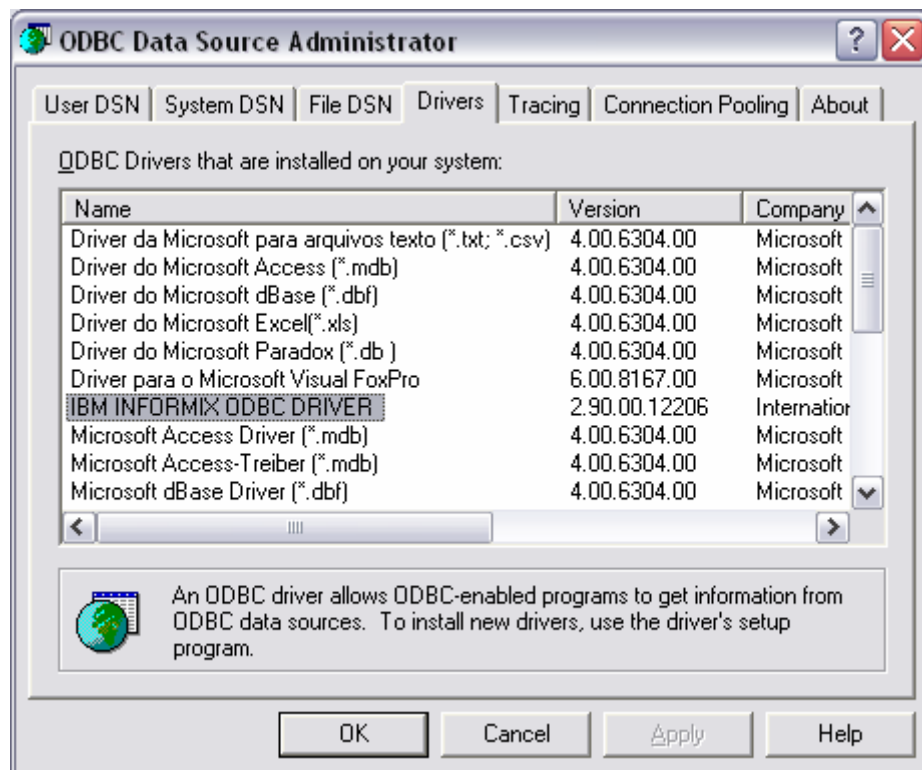## IX. Appendix A – Installation Instructions

1. Verify the *Informix* Driver is Installed:
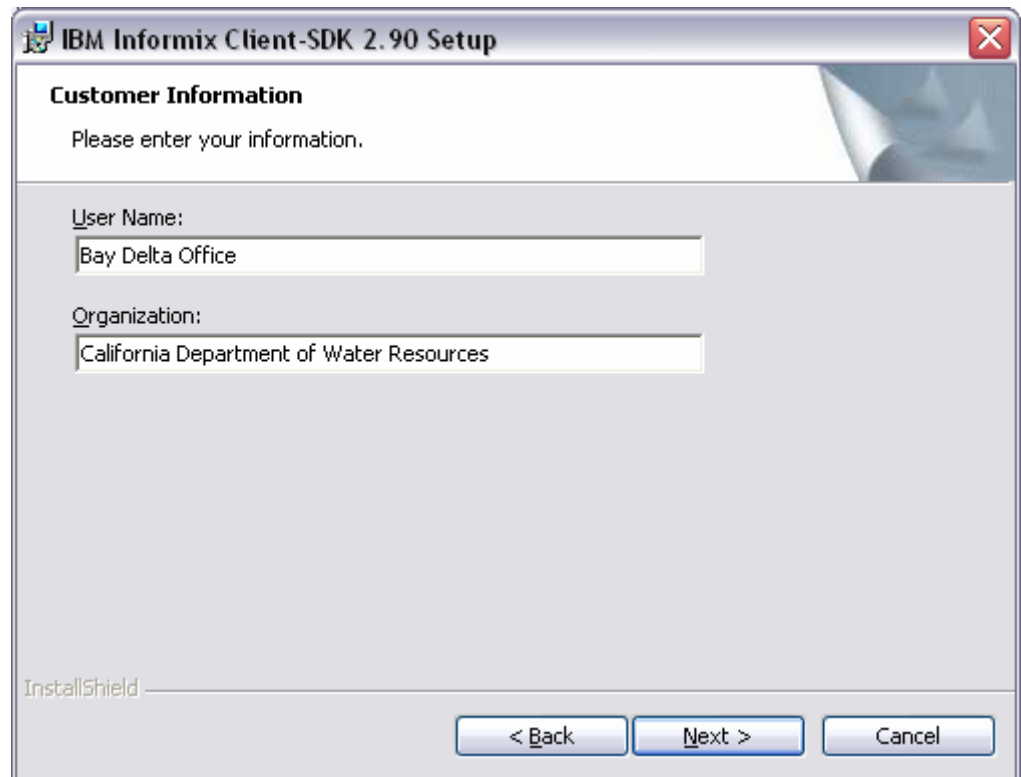
    a. In *Windows:*

        1) Navigate to the *Control Panel*.

        2) Double-click on *Administrative Tools.*

        3) Double-click on *Data Sources (ODBC).*

        4) Select the *Drivers* tab.

        5) Check to see if the *IBM INFORMIX ODBC DRIVER* (version 2.9 or higher) is on the list.

        6) If your computer has this or a later version of the driver, the older version does not have to be installed. Skip to the next section.

        7) If your computer has no *Informix* driver:

           i) Open the *\dsm2_training\install* directory:

   (a) Create a new directory called *Informix Setup.*

(b) Double-click on *clientsdk.2.90.TC1.zip*, and extract the files to the new *Informix Setup* directory.

(c) Open the *Informix* directory and double-click *setup.exe*.

    (i) Click *Next >*.

    (ii) Accept the license agreement and click *Next >*.

    (iii) Enter any <u>U</u>ser *Name* and <u>O</u>*rganization* and click *Next >*.

    (iv) Select a *Custom* setup and click *Next >*.

    (v) Accept the default directory and click *Next >*.

(vi)　Deselect everything but the *IBM Informix ODBC Driver* by left-clicking and selecting the red **x**. Then click *Next >*.
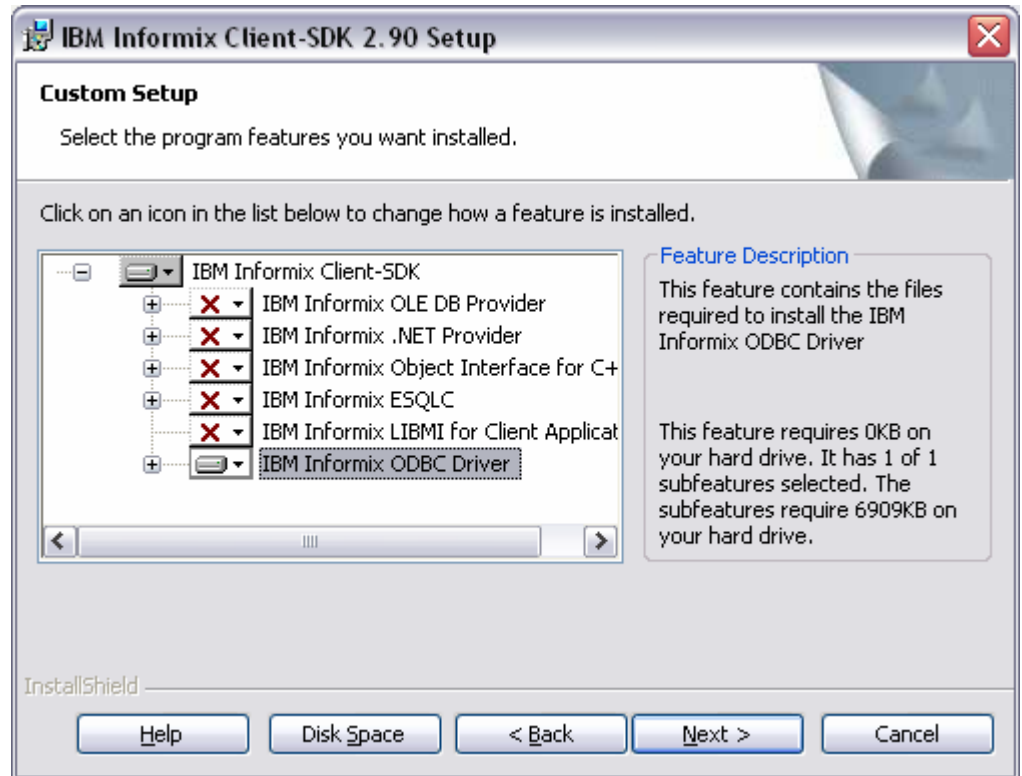

(vii)　Click *Install.*

(viii)　Click *Finish.*

2. **Establish an ODBC data source for the *Informix* Database.**

   a. If you do not have an *Informix* account, you must first obtain one from the Computer Assistance section of the Bay-Delta Office. Email Mike Mullen at mmullen@water.ca.gov, and he will send you a password.

   b. Navigate to the *Control Panel.*

   c. Double-click on *Administrative Tools.*

   d. Double-click on *Data Sources (ODBC).*

   e. Select the *System DSN* tab and click *Add….*

f. Select the *IBM INFORMIX ODBC DRIVER* and click *Finish*.
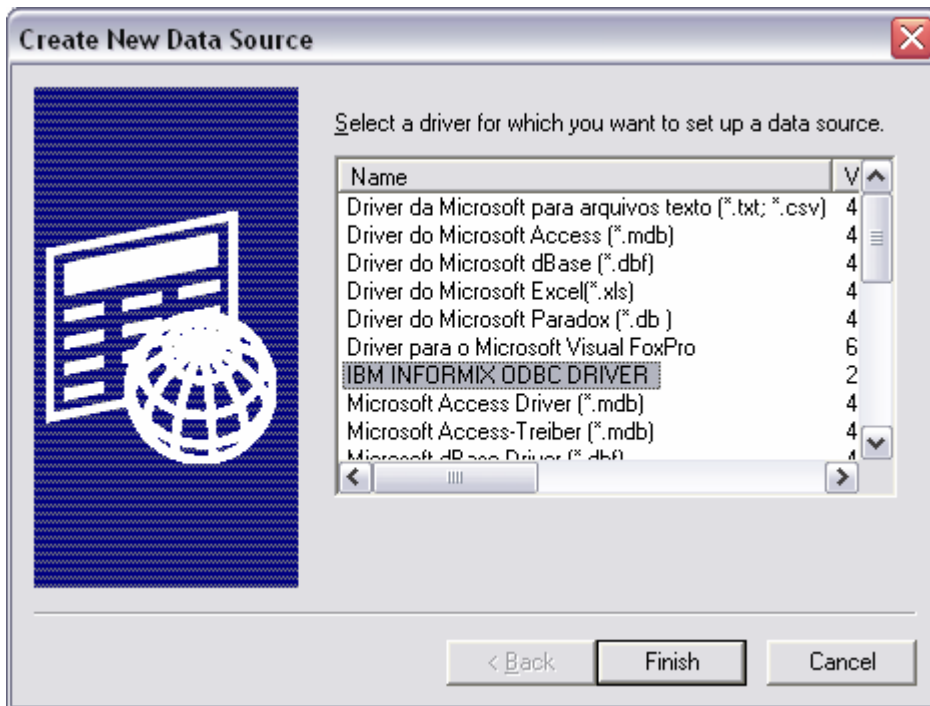
g. Under the *General* tab, enter *dsm2input* for the *Data Source Name*, and provide a description.
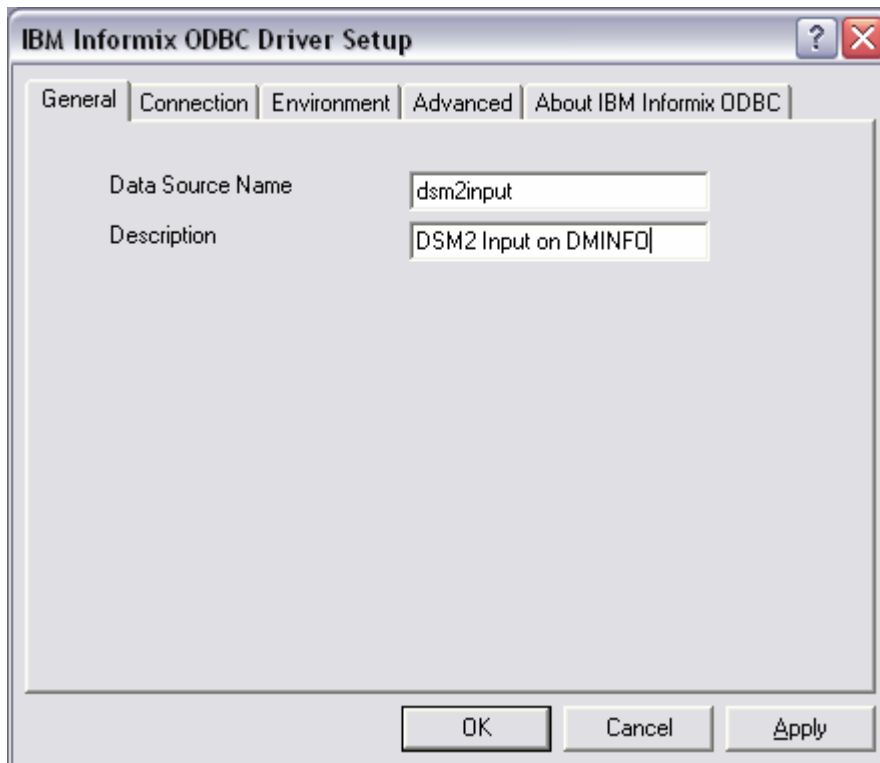
h.   Under the *Connection* tab, enter the following information:

1) Server Name: *ius_dminfo_tcp*

2) Host Name: *136.200.32.24*

3) Service: *1538*

4) Protocol: *olsoctcp*

5) Database Name: *dsm2input*

6) User Id: use **your** username

7) Password: enter the password provided by Computer Assistance (Mike Mullen or Tim Tran).
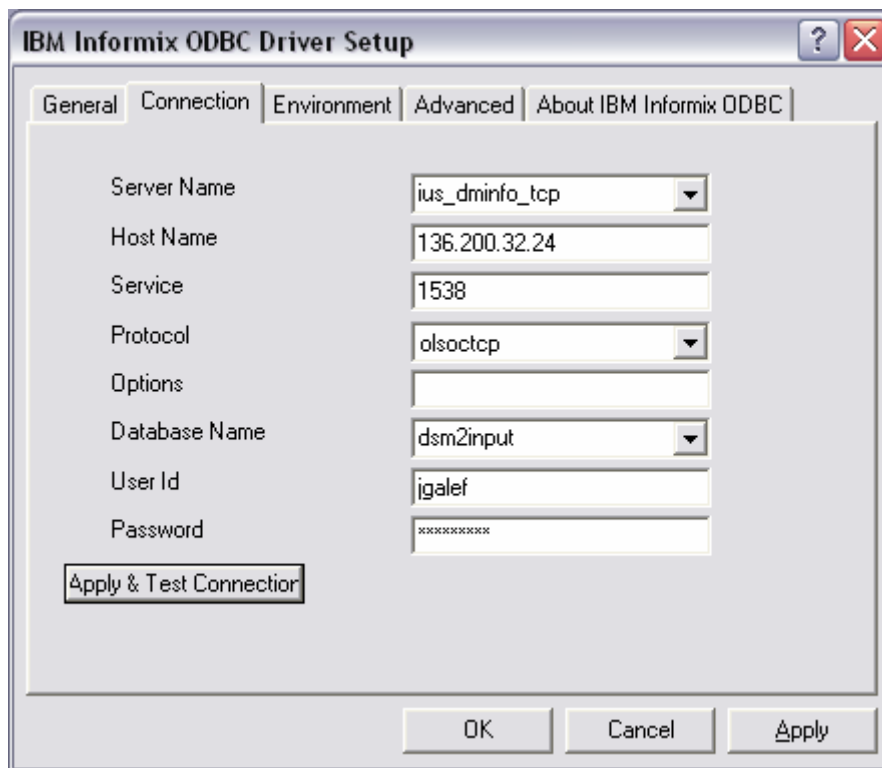
8)   Click the *Apply & Test Connection* button.

9) If connection was successful, click *OK*.

10) Click *OK* to accept the degradation message.
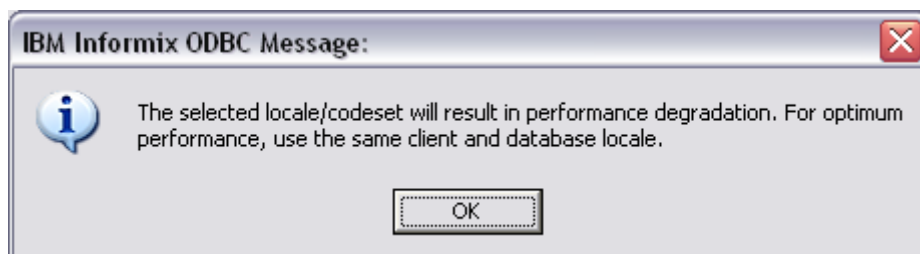
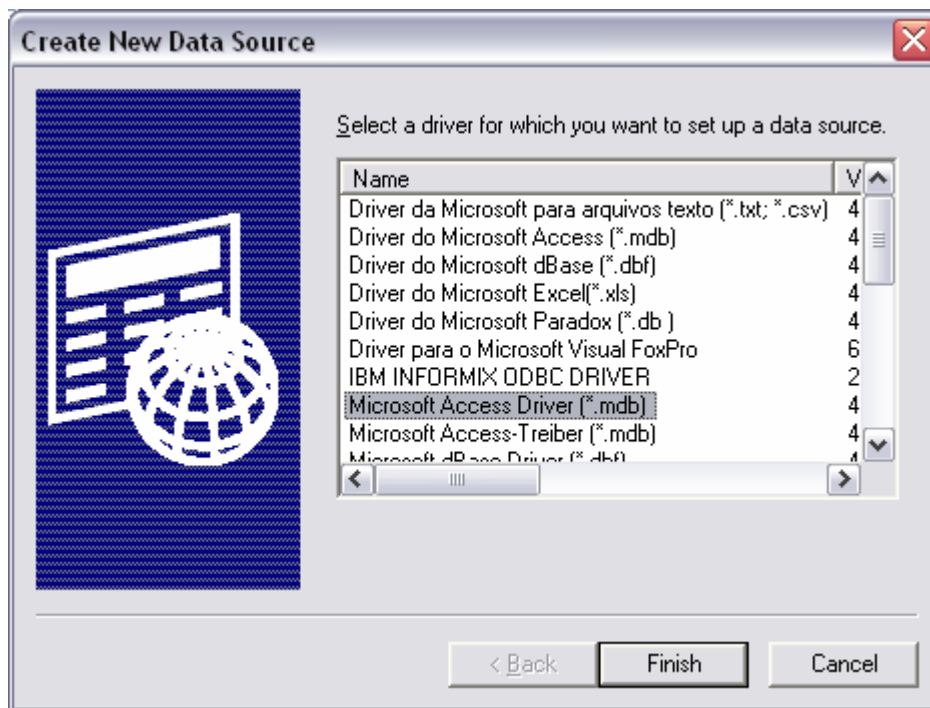**3. Establish an ODBC Data Source for the *Microsoft Access* Database.**

   a. In *Windows:*

      1) Navigate to the *Control Panel*.

      2) Double-click on *Administrative Tools.*

      3) Double-click on *Data Sources (ODBC).*

      4) Select the *System DSN* tab.

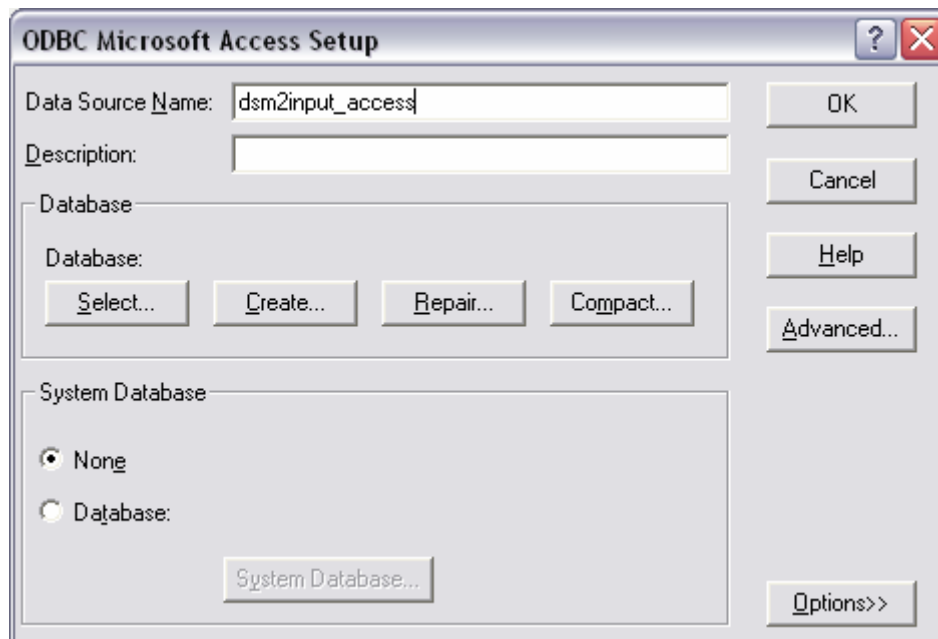   5) Click the *Add Button.*
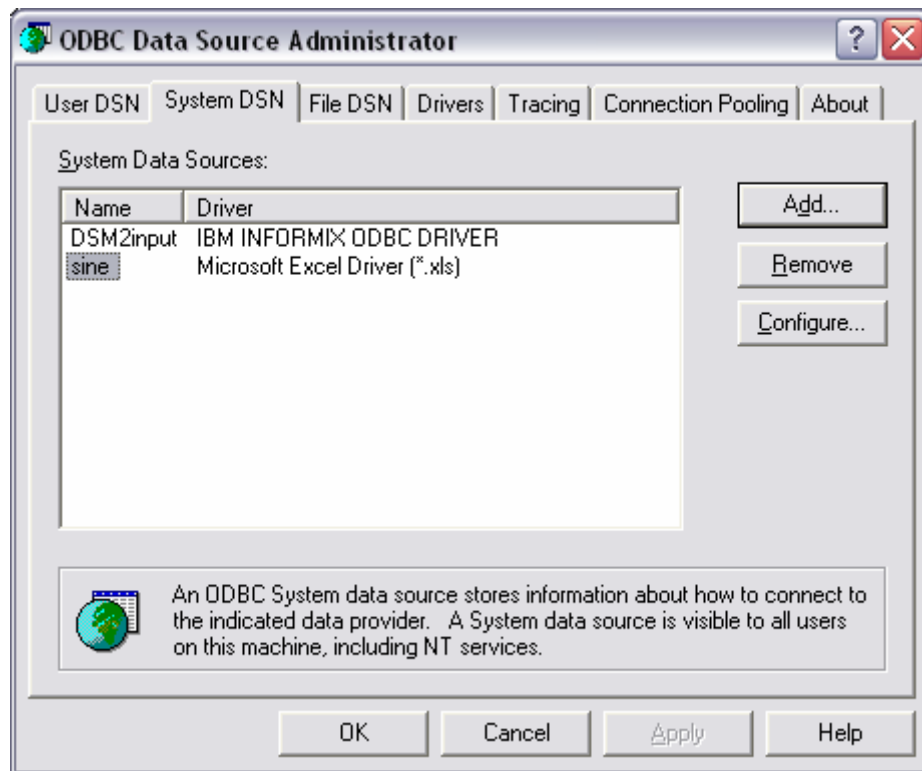
6) Select the *Microsoft Access Driver (*.mdb)* and click *Finish*.
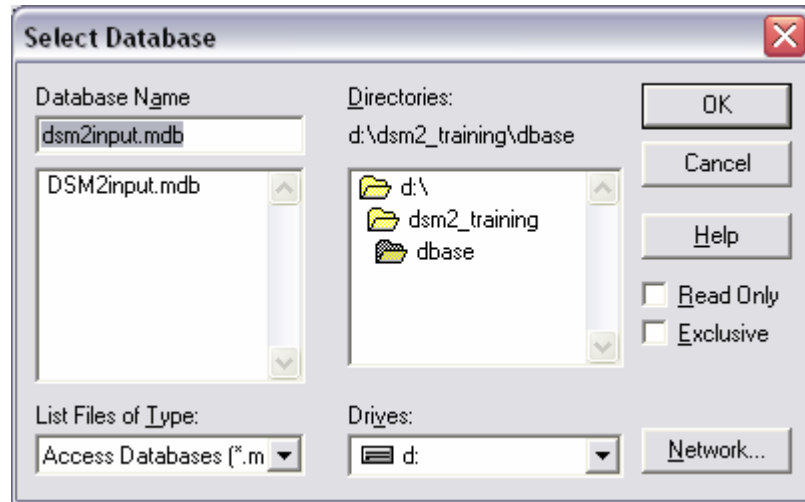

7) In the *ODBC Microsoft Access Setup* Window:

   i) For the *Data Source Name*, type *dsm2input_access*.

   ii) In the *Database* section, click on *Select…*

   iii) In the *Select Database* window:

(a) Under the *Drives* section, select the drive letter where the tutorial is stored.

(b) Under the *Directories* section, navigate to *d:\dsm2_training\dbase*.

(c) Under the *Database Name* section, select *DSM2input.mdb*.

(d) Click *OK*.

iv) In the *ODBC Microsoft Access Setup* Window, click *OK*.

4. Configure the JDBC Connection:

a. In the GUI:

1) Click on the *Tools* menu.

2) Select *Configure Database*.

3) For the *JDBC URL*, enter the following (case-sensitive):

 jdbc:informix-sqli://136.200.32.24:1538/dsm2input:informixserver=ius_dminfo_tcp

4) For the *JDBC driver*, enter (case-sensitive): *com.informix.jdbc.IfxDriver*

5) Enter your username and *Informix* password.

5. Select either *Informix* or *Access* for your DSM2 Database:

a. In the GUI:

1) Click on the *Tools* menu.

2) Select *Configure Database.*

3) Here is where you select which database to use.

    i)   For *Informix*:

        (a) Select *JDBC Source.*

(b) Make certain the proper information is given in the *JDBC URL* and *JDBC driver* input boxes. (See previous section if necessary)

ii) For *Microsoft Access*:

(a) Select *ODBC source (named in system files)*.
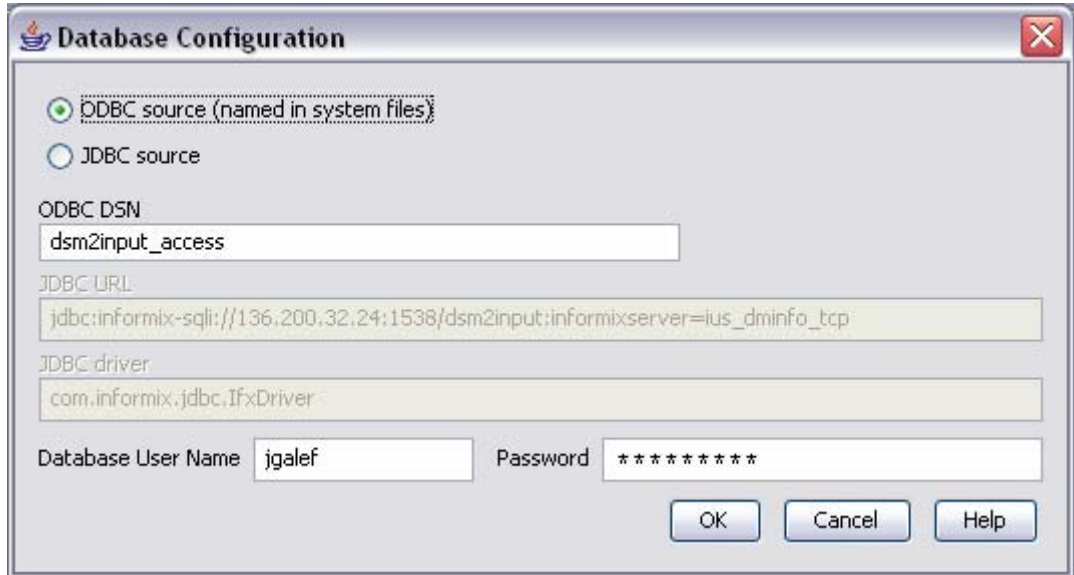
(b) Fill-in the name of the *ODBC DSN* in that box. This will match the name given in the *Data Sources (ODBC)* window of the *Administrative Tools* of the *Control Panel*.

6. **Install the Necessary Fortran Drivers:**
   a. In Windows Explorer:
      1) Navigate to the directory, *\dsm2_training\install*.
      2) Double-click on *VFRUN66BI.exe*.
      3) If you receive an overwrite message on a *.hlp* file, click *yes*.

7. **Install the *Open Command Prompt Here* program:**
   a. In Windows Explorer:
      1) Navigate to the directory, *\dsm2_training\install*.
      2) Double-click on the *CommandPromptHere* directory.
      3) Right-click on *CMDHERE.INF*, and select *Install* from the menu.

8. **Check Your Version of Java:**

    a. In Windows:

        1) Navigate to the *Control Panel*.

        2) Double-click on *Java*.

        3) In the *Java Control Panel*:

            i) Click the *About…* button.

            ii) Check to see if the version is 1.4 or higher.

            iii) Close the *About Java* window.

            iv) If the version is lower than 1.4, select the *Update* tab.

            v) Click the *Update Now* button.

9. **Add the Executables to the Path Variable:**

    a. In Windows:

        1) Navigate to the *Control Panel*.

        2) Double-click on *System*.

        3) Under *System Properties*:

            i) Select the *Advanced* tab.

            ii) Click on the *Environment Variables* button.
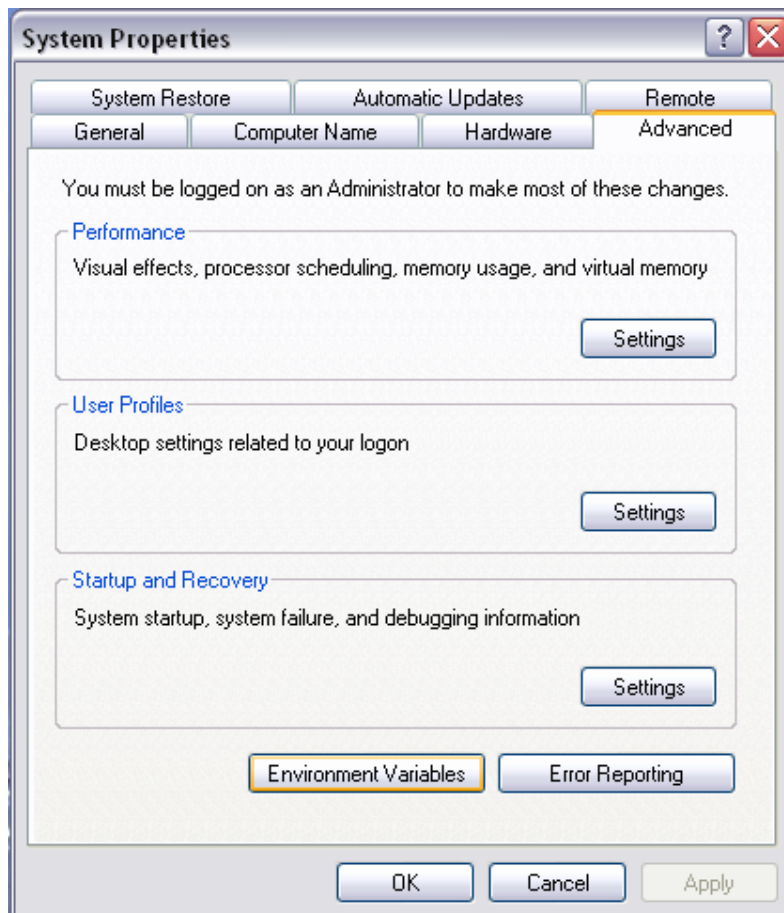
iii) In the *User Variable for <user>* window, scroll down to *path* and click the *Edit* button. If *path* does not appear, you may create it with the *New* button.
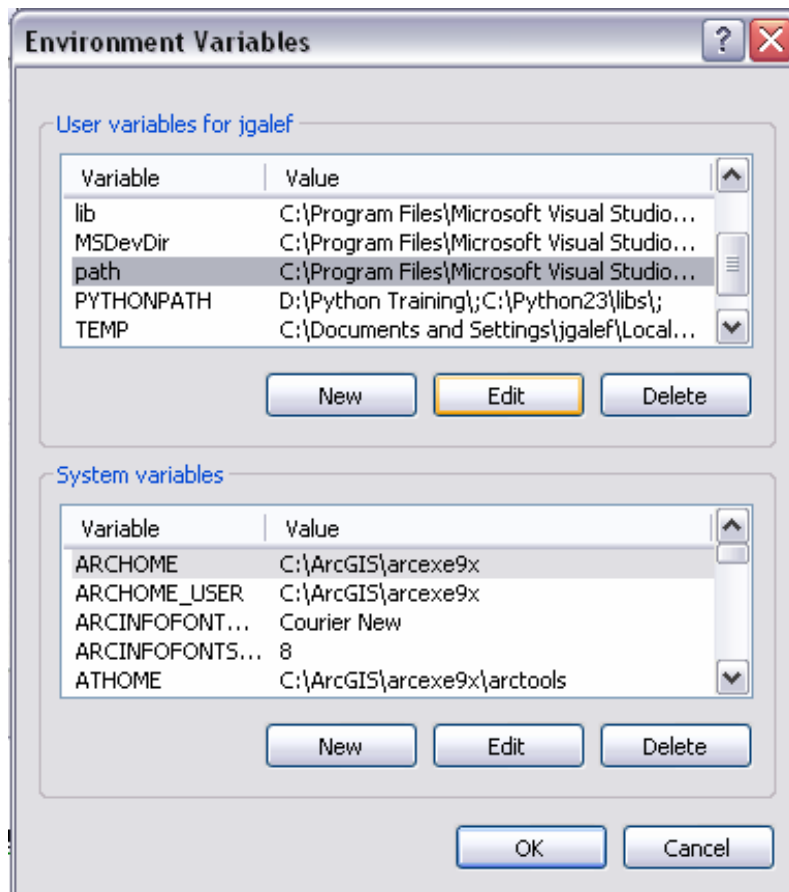
iv) Scroll to the end of the list and add:

c:\ dsm2training\bin;c:\dsm2_training\ptm\bin;c:\dsm2_training\vista\bin
Substitute drive letter or root location for C: as necessary. If you have a
working vista installation you can skip the vista part and delete the vista
directory from dsm2_training.