1) You need to create a Data Source to be able to use the Oracle database from an IDE like Visual Studio
2) Go to Start->Programs->Oracle-OraDB10g_home-> Configuration and Migration Tools-> Microsoft ODBC Administrator or you could go to the same location using Start->ControlPanel->AdministrativeTools->DataSources (ODBC)
3) Select the “User DSN” tab if the data source will only be used from your PC otherwise select the “System DSN” tab.
4) Click “Add”
5) You will be asked to select a driver to use. Choose the *Oracle ODBC Driver* NOT the *Microsoft ODBC for Oracle*. 
6) Click “Finish” and fill out the next dialog. Enter “CS257” for the “Data Source Name”, enter any description, choose the SJSU TNS Service Name from the combo box and enter the Username “cs257”. Click the “Test Connection” button.

![Oracle ODBC Driver Configuration](image-url)
7) Enter the Password “cs257” and click “OK”

8) You should see the “Connection successful” box
9) Click “OK” twice and now you should see your entry in the “User DSN” tab:
10) You may also test the service name by typing “tnsping SJSU” on the Command Prompt to check that the database is setup properly.

```
\n\n```

11) To run the Integrated.exe program from the MS Visual C++, you need to make the change to the original.conf file. **Note:** There are 2 original.conf files, one in the vsam directory and one in the config directory. You must use the original.conf in the config directory. In the original.conf, change the line:

`query "SELECT * FROM cs257_view WHERE ROWNUM <3000001ORDER BY ID ASC"`

to

`query "SELECT * FROM cs257DATA WHERE ROWNO < 3000001 ORDER BY ID ASC"`

**Also make sure that the ODBC connection String has the following values:**

```
# ODBC connection String

DataSource cs257

UserID cs257

Password cs257
```