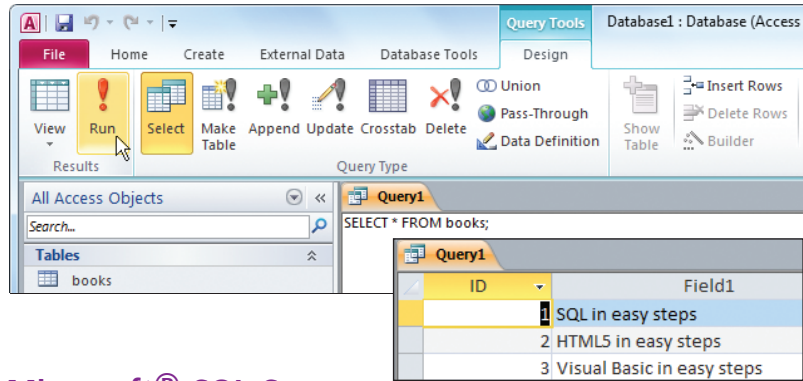


# Making SQL queries



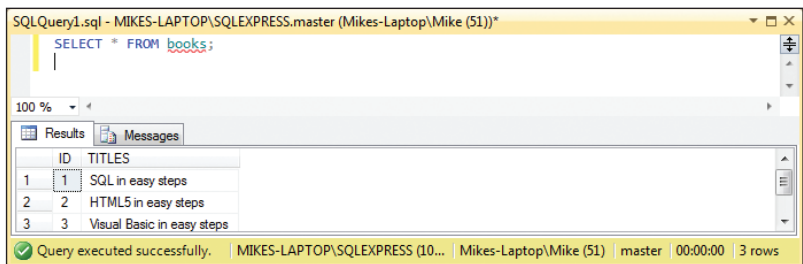
## Microsoft® Access

Access is the popular database program supplied as part of the Microsoft Office suite. It is popular with Office users on stand-alone PCs and small networks. The SQL View allows you to enter SQL queries to be executed when you click the !Run button.



## Microsoft® SQL Server

The SQL Server DBMS products from Microsoft are popular on computers running the Windows operating system. Microsoft SQL Server Express is a free, lightweight and feature-rich database for data-enabled web and Windows applications. SQL queries can be executed from the SQL Server Management Studio.



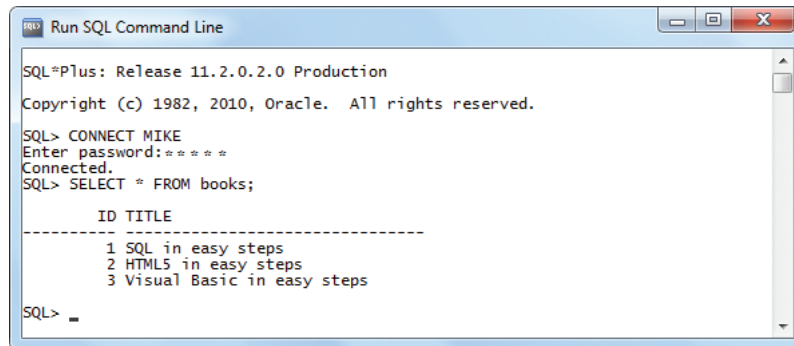
## Microsoft® Visual Studio

Visual Studio can be used to create computer programs that make queries against a database via an ODBC Data Source. Simply select the Connect to Database item on the Tools menu to launch the Add Connections dialog, then choose a data source from the "Use user or system data source name" dropdown list. SQL queries can then be made from the program code.

...cont'd

## Oracle®

The Oracle DBMS is popular and widely used in commerce. Oracle Database Express Edition (Oracle Database XE) is a free entry-level, small-footprint database that is simple to administer. SQL queries can be executed from its **SQL>** command prompt.



```
Run SQL Command Line
SQL*Plus: Release 11.2.0.2.0 Production
Copyright (c) 1982, 2010, Oracle. All rights reserved.
SQL> CONNECT MIKE
Enter password:*****
Connected.
SQL> SELECT * FROM books;

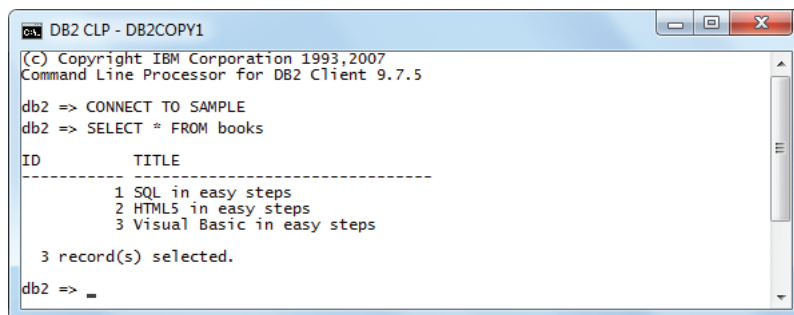
   ID TITLE
-----
    1 SQL in easy steps
    2 HTML5 in easy steps
    3 Visual Basic in easy steps

SQL> _
```



## IBM® DB2®

The DB2 DBMS is a powerful multi-platform database system. DB2-Express-C is another free full function DB2 data server. SQL queries can be executed from its **db2 =>** command prompt.



```
DB2 CLP - DB2COPY1
(C) Copyright IBM Corporation 1993,2007
Command Line Processor for DB2 Client 9.7.5
db2 => CONNECT TO SAMPLE
db2 => SELECT * FROM books

ID          TITLE
-----
    1 SQL in easy steps
    2 HTML5 in easy steps
    3 Visual Basic in easy steps

3 record(s) selected.
db2 => _
```



## MySQL®

The world's most popular open-source database server is the freely available MySQL DBMS product that is supplied with an integral SQL-client from which to execute SQL queries from its **mysql>** command prompt. MySQL is used throughout this book to demonstrate the SQL language. The following pages describe how to install MySQL on both Windows and Linux platforms.

