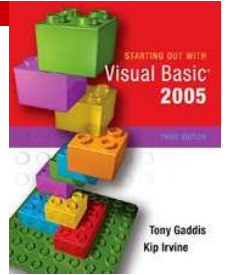


# 11.6

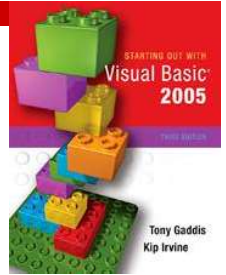
## Using Databases

ASP.NET provides Several Web Controls for Displaying and Updating the Contents of a Database from a Web Application



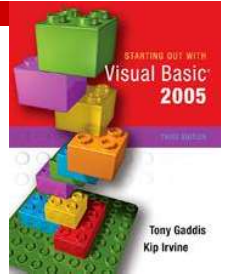
# Web Forms Database Access

- Web forms database access differs from that used for Windows forms
- Dataset not used
- *DataSource Web server* control used instead
- *DataSource* controls update database directly
- No Update method required as with a dataset



# GridView Control

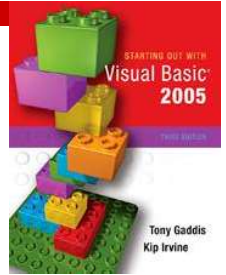
- Found in Data section of Toolbox window
- An ideal way to display a complete table
- Serves same function as DataGridView control in Windows forms
- Click smart tag in upper right of grid to set properties on *GridView Tasks* menu



# GridView

## Database Connection Setup

- *Data Source* option in *GridView Tasks* menu allows database connection to be configured
  - Copy database file to App\_Data folder
  - Select Data Source, use Access Database
  - Select database file from the App\_Data folder
  - Configure Select statement for DB query
  - If query requires multiple tables, must create custom SQL using Query Builder
  - Places a *DataSource* control on the Web form
- Tutorial 11-5 configures a GridView control



# DetailsView Control

- Found in Data section of Toolbox window
- *GridView* only displays database tables
- *DetailsView* can be used to view, edit, delete, or add rows to a database table
- Connect to data source just as with GridView
- Allows you to create an effective update program without writing any code
- Tutorial 11-6 demonstrates how to use the DetailsView control