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## Session 10: Exercise

- 1 Open the *Session10* project from your sample files folder.
- 2 Add *LINQ to SQL Classes* to the project. Call the file: **Session10.dbml**
- 3 Add the *Customer* table from the *Spark* database to the *LINQ to SQL Classes*.
- 4 Add the *SpGetLastInvoiceNumber* stored procedure from the *Spark* database to the *LINQ to SQL Classes*.
- 5 Open the code-behind file of *Default.aspx*.
- 6 Add code to the *Page\_Load* event handler to retrieve a *Customer* object with the *CustomerID* of 7 and display the object's *CustomerName* property in the *TextBoxEditCustomerName* control.
- 7 Add *Click* event handlers to the *ButtonAddCustomer* and *ButtonSaveCustomer* controls.
- 8 Add code to the *ButtonSaveCustomer\_Click* event handler to retrieve the customer with the *CustomerID* of 7 and set its *CustomerName* property to the value entered in the *TextBoxEditCustomer* control.
- 9 Add code to the *ButtonSaveCustomer\_Click* event handler to commit the changes to the *CustomerName* property to the database by calling the *SubmitChanges* method.
- 10 Add code to the *ButtonAddCustomer\_Click* event handler to add a new record to the *Customer* table in the database.  
Set the new record's *CustomerName* property to the value of the *TextBoxNewCustomerName.Text* property.  
(Remember to use the *InsertOnSubmit* method before the *SubmitChanges* method).
- 11 Add *try* and *catch* code to all three event handlers and put the *Message* property of any exceptions into the *LabelError.Text* property.
- 12 View and test the *default.aspx* page in your browser.

The screenshot shows a web application titled "SESSION 10 EXERCISE". It has a navigation bar with "Home" and "About" links. The main content area is divided into two sections: "NEW CUSTOMER" and "EDIT CUSTOMER". In the "NEW CUSTOMER" section, there is a text input field for "Customer Name" containing the text "Simon Smart" and a blue "Add Customer" button. In the "EDIT CUSTOMER" section, there is a text input field for "Customer Name" containing the text "Hanari Carnes" and a grey "Save Customer" button. To the right of the "Save Customer" button is a "Label" placeholder.

Session10 - start

Session10 - end

If you need help  
slide the page to  
the left

