

Assignment Date: Week 8
Due Date: Week 12 (All Parts)

Assignment Objective

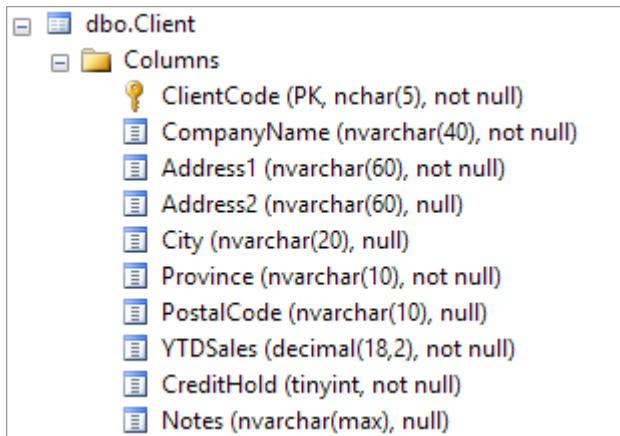
The purpose of this assignment is to query a table on a remote SQL Server, process and display the data in a Windows Form. This will serve as the starting point of a larger project. (More details to come)

Your Task

Use ADO.NET to connect to the server specified:

```
Server=tcp:s08.winhost.com;  
Database=DB_15202_2614d162;  
User ID=DB_15202_2614d162_user;  
Password=93nu5#S67;  
Integrated Security=False;
```

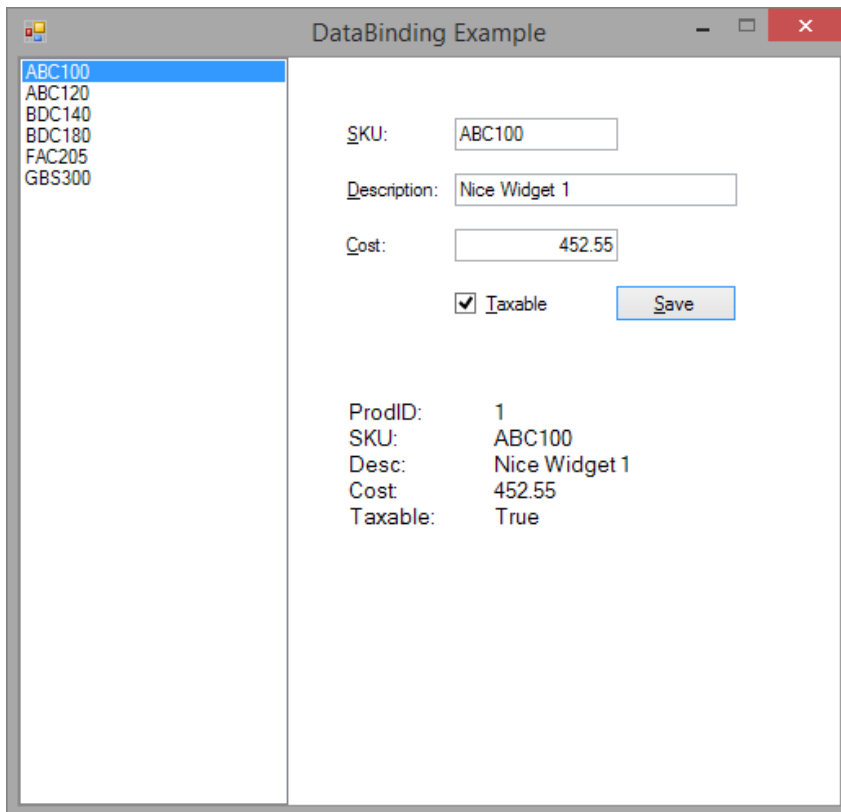
Create a repository class and add a query to retrieve all the data from the Client table. Use the table specification below to aid in creating, executing and processing your query.



Column Name	Data Type	Nullability	Other Attributes
ClientCode	nchar(5)	not null	Primary Key (PK)
CompanyName	nvarchar(40)	not null	
Address1	nvarchar(60)	not null	
Address2	nvarchar(60)	null	
City	nvarchar(20)	null	
Province	nvarchar(10)	not null	
PostalCode	nvarchar(10)	null	
YTDSales	decimal(18,2)	not null	
CreditHold	tinyint	not null	
Notes	nvarchar(max)	null	

Create a data and collection class to store the results of the query.

Build a UI to display the Customer data. Use the UI design from the DataBindingExample project as a guide to build your UI.



Create a ViewModel class to provide data binding to all the UI elements.

Write the data out to labels in the UI whenever the Save button is clicked (like the DataBinding example). Later on, we will expand this to actually save data back to the database.

For all your code, be sure to:

- Comment your code intelligently (no need to comment the obvious)

Please Hand In:

Zip your entire project and upload the zipped file to the Assign06 Dropbox on D2L (**In Week 12**)