

Assignment Date: Week 6
Due Date: Week 7

Assignment Objective

The purpose of this assignment is to query a table on a remote SQL Server, process and display the data in a formatted manner.

Note that this is the last console-based assignment—all remaining assignments will be Windows Forms projects.

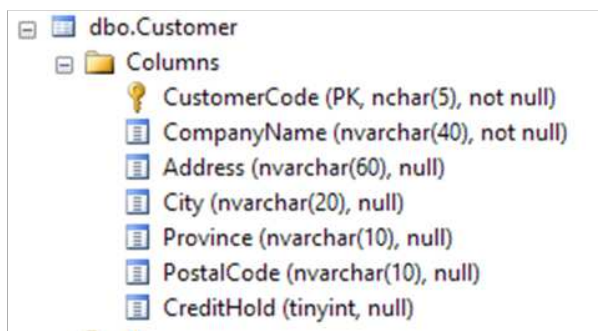
Your Task

Use ADO.NET to connect to the server specified:

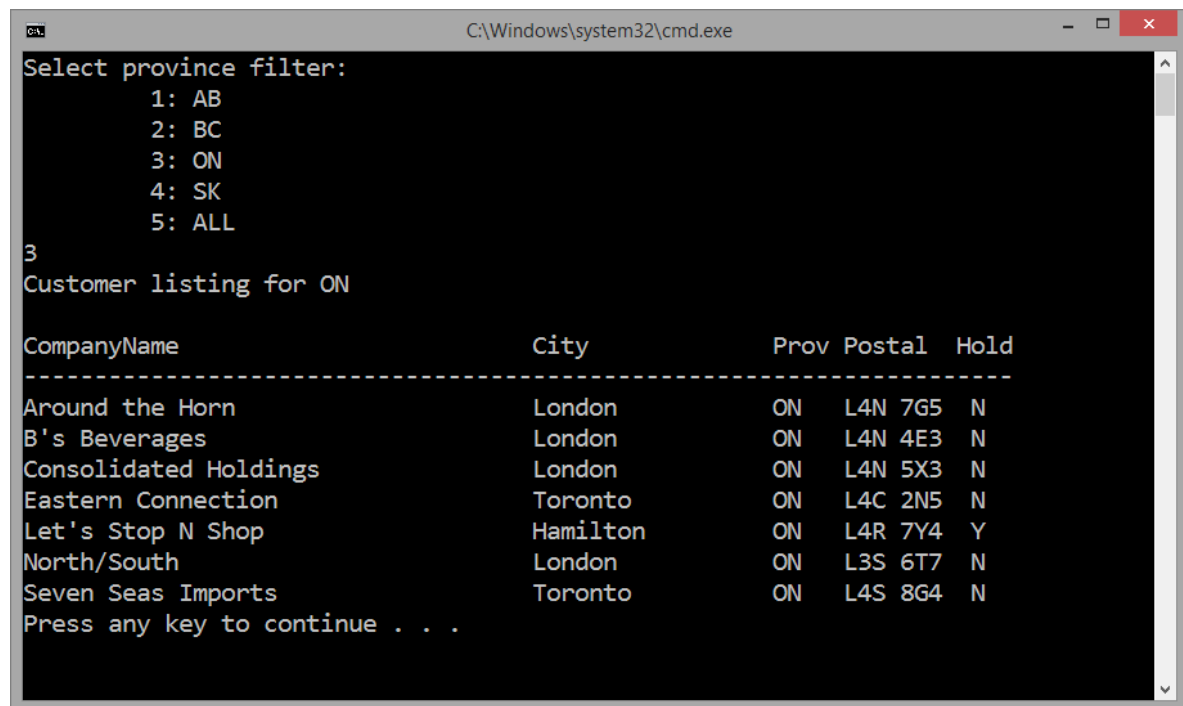
```
Server=tcp:s08.winhost.com;
Database=DB_15202_2614d162;
User ID=DB_15202_2614d162_user;
Password=93nu5#S67;
Integrated Security=False;
```

Use a query (distinct) to get the Province codes to populate the selection list. This list should be data driven, not static so it would automatically include new provinces from added records.

Use a second (parameterized) query to retrieve the Customer data. Use the table specifications below to aid in creating, executing and processing your query.



Design your solution using the sample code for guidance. Generate Console output like the screenshot below:



```
C:\Windows\system32\cmd.exe
Select province filter:
    1: AB
    2: BC
    3: ON
    4: SK
    5: ALL
3
Customer listing for ON

CompanyName          City          Prov Postal  Hold
-----
Around the Horn      London        ON   L4N 7G5   N
B's Beverages        London        ON   L4N 4E3   N
Consolidated Holdings London        ON   L4N 5X3   N
Eastern Connection   Toronto       ON   L4C 2N5   N
Let's Stop N Shop    Hamilton      ON   L4R 7Y4   Y
North/South          London        ON   L3S 6T7   N
Seven Seas Imports   Toronto       ON   L4S 8G4   N
Press any key to continue . . .
```

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 Assign04 Dropbox on D2L