

## Online Assignment 2 Requirements

**Assignment Date:** Week 10

**Due Date:** Day before next class @ 11:59 pm

### Assignment Objective

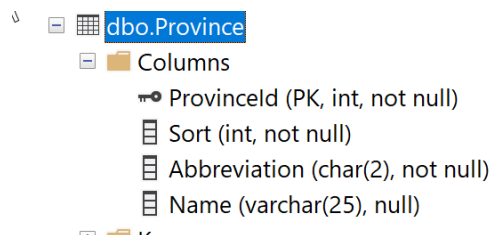
Learn how to use the ComboBox Control. You will write a windows forms application that allows users to select a province from a list of abbreviations and then display the full name of the province and show how many customers are in that Province. The application should look like the one in the screenshot below.

### Requirements

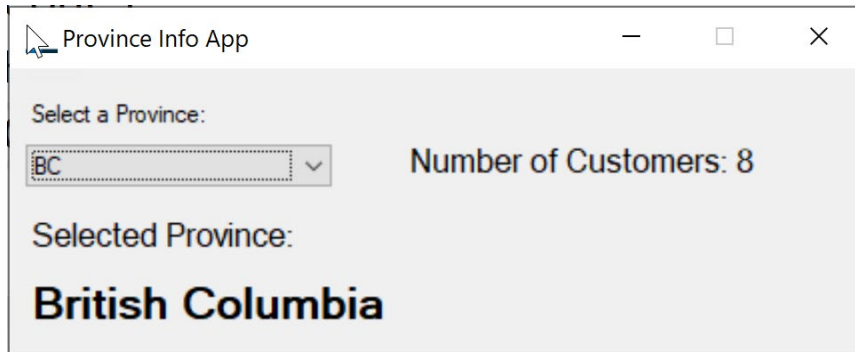
- 1) Use ADO.NET to connect to the server specified:

```
Server=tcp:comp2614.database.windows.net,1433;  
Initial Catalog=comp2614;  
User ID=student;  
Password=iLOVEpho!;  
Encrypt=True;  
TrustServerCertificate=False;  
Connection Timeout=30;
```

- 2) Query the following table to get the list of provinces:



- 3) When a province is selected, query the table from Assignment 5 and retrieve the COUNT of customers in the selected province.
- 4) The application should resemble the one below:



- 5) The ComboBox does not need to be databound, and you do not need to create a view model for this assignment.

### Marking Criteria:

- UI (2 marks)
- Programmatic data loading (6 marks)
- Coding style (2 marks)
- Total (/10 marks)

### Please Hand In:

1. Zip the entire application and upload the zipped file to OnlineAssign02 in the Learning Hub.