1. Write a SQL script that will create a new SQL Server login called "AdvWorks2012" which is mapped to a new user of the same name in the AdventureWorks2012 database. This user must have read access to all schemas EXCEPT HumanResources. The user needs write access to everything EXCEPT the HumanResources and Person schemas.

2. Create a Windows Forms app with a data class that connects to the AdventureWorks2012 database using the new login that you created in Step 1.

3. Write a stored procedure that accepts a CustomerID and returns the following details of the sales orders for that customer. Use report-friendly names.

- SalesOrderID

- OrderDate

- ShipDate

- Salesperson name

- City and State from shipping address

- Total amount due on order

4. You will probably need a second stored procedure that lists the names and CustomerID numbers of all active customers.

5. In your Windows Forms app, create a single form with a drop down box and a DataGrid. The drop down is list the names of active customers in AdventureWorks2012. When the user selects a customer from the drop down, the DataGrid is to be populated with their orders from the stored procedure.

6. When the user selects or clicks on an order row, the form should display the SalesOrderID number separately from the datagrid. This can be in a messagebox or another label on the form. The point is to isolate the SalesOrderID value from the data returned and be able to use it elsewhere.

7. Finally, one of the overloads for the SQLConnection class constructor allows you to use a SQLCredential object to store the user name and password rather than including it in the plain-text connection string. Research the SQLCredential class and use it in your application.

\*\* Upload your SQL script with the project to Github in a new repository. \*\*

\*\* Scoring: \*\*

The assignment will be graded based on the following:

1. Creation of working SQL login

2. Access of new login restricted as specified

3. All data access performed through data class from Step 2

4. Data class uses new login

5. Working stored procedure with order information by customer

6. Working order display on selection from customer drop down

7. Isolation and display of SalesOrderID value

8. Use of SQLCredential in server connection

9. Error handling in ALL code, appropriate error messages and general operation of program

10. Commenting in ALL code

11. General appearance, style and neatness of code

12. Accessibility on Github