###### **Cairo University**

**Faculty of Computers and Information Information Systems Department Database Systems 1**

**Lab 3 (C# Tutorial 3)**

**Installing Sample Databases:**

Sample Databases used in this course are “Northwind and Pubs”.

Download from http://www.microsoft.com/en-us/download/details.aspx?id=23654

**\*Follow the following steps if you are using MS SQL 2008:**

1. Run the executable file “SQL2000SampleDb.msi”.
2. Follow the wizard by clicking next till the end.
3. A folder will be created on the C:\ drive named “SQL Server 2000 Sample Databases”.
4. Right click on the Database Folder in the “SQL Server Management Studio” and choose “Attach”.

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1. Press on the ADD button to add the MDF file of the Sample Databases.



1. Perform this process twice, one for the Northwind MDF and the second for Pubs MDF.



1. Wait for seconds until installation is finished and click on “Finish”.

**\*Follow these steps if you are using MS SQL Server 2012:**

1. Extract the 4 database files into your local drive. For Example “C:\Sample Databases”.
2. Right click on the Database Folder in the “SQL Server Management Studio” and choose “Attach”.



1. Press on the ADD button to add the MDF file of the Sample Databases.



1. Perform this process twice, one for the Northwind MDF and the second for Pubs MDF.



1. Wait for seconds until installation is finished and click on “Finish”.

**How to Access Sample Databases:**

1. Now open “Microsoft SQL Server Management Studio” and connect.



1. Explore on the left side to view the structure of the databases.



**How to display data from a table: (use northwind database)**

1. Create a new project in Visual Studio.
2. Add a new item.
3. Choose report wizard.
4. In the next dialog, give the dataset a name and choose the DataSet.
5. Choose the Fields to be displayed in the report.
6. Choose the layout.
7. Choose the style.
8. Add a Report Viewer to the Form.
9. Once you add the ReportViewer control to the Form, you will need to click on the small arrow present on the top right corner of the Report Viewer and choose the report.

Please check the following link to view the details of creating the report:

<http://scholar.cu.edu.eg/?q=mhafez/classes/is221database-systems-i-spring-2015/materials/connection-database-using-c-videos>