# Lab: Getting Started

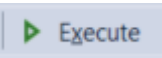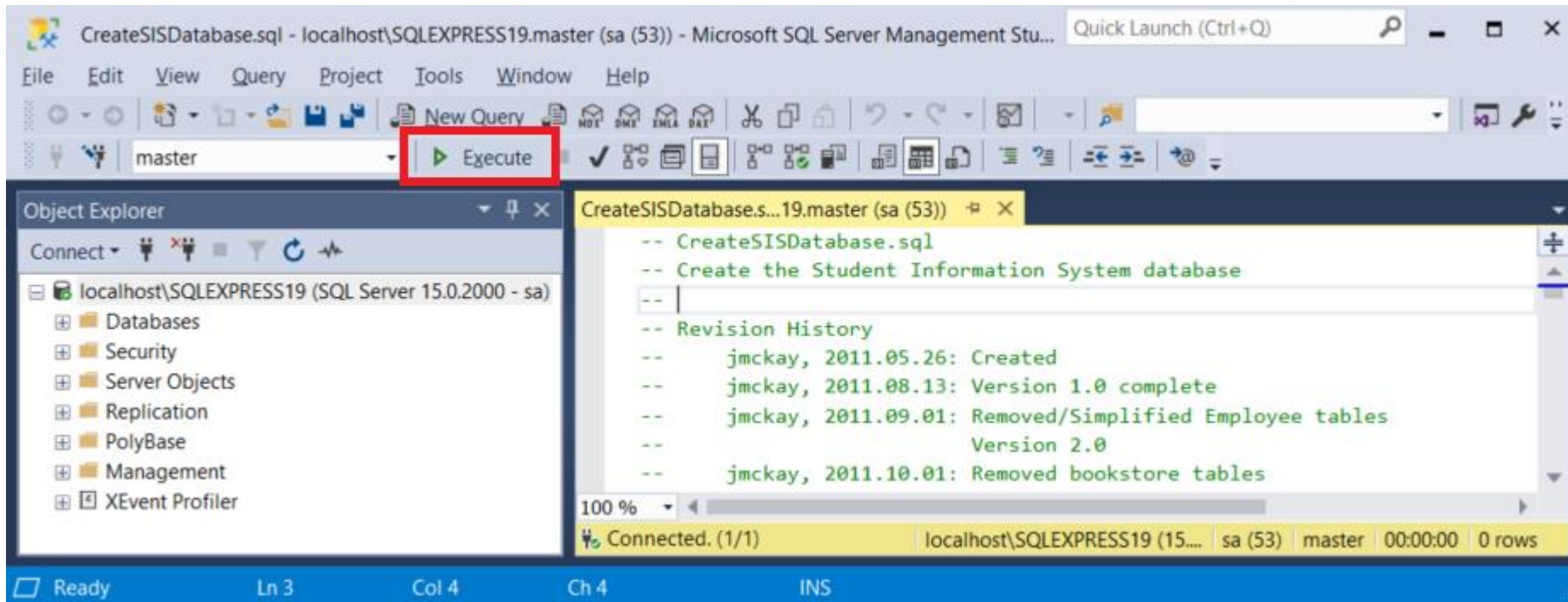SSMS, ex0_XX.sql, ex0_XX.rpt, etc.

# Week 1

Express

SQL Server 2019 Express is a free edition of SQL Server, ideal for development and production for desktop, web, and small server applications.

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- Task 1: Install **SSE** 2019
  - Follow: **InstallingSQLServerExpress2019.pdf**
    - Slide 4: *Scroll down* **SQL Server download page** to find **SSE** option
  - If you encounter an error (red icon), copy your error and search for a possible solution on the internet.

- Task 2: More details in next few slides
  - A. Create SIS Database (Reference: **INTRO.pdf**, slide 14)
  - B. Download and execute **ex0_XX.sql** (Reference: **SELECT.pdf**, slide 32)
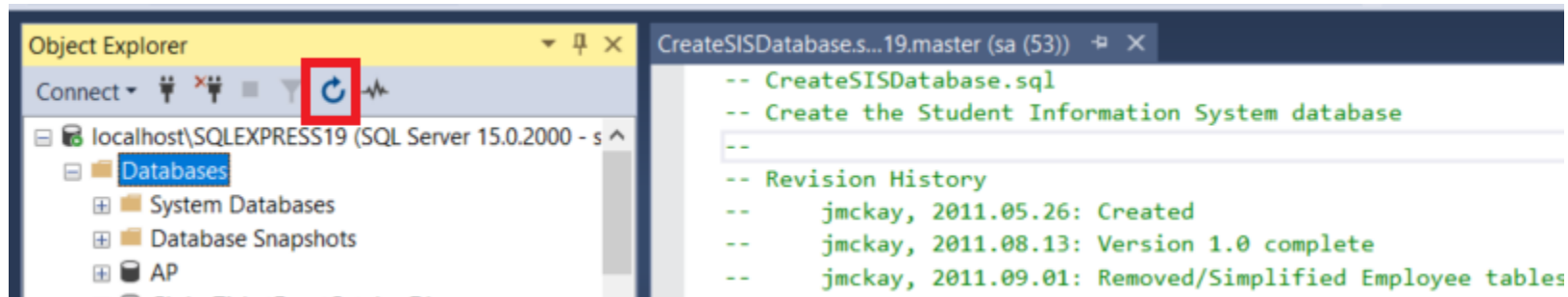  - C. Review and study the SQL samples in **ex0_XX.sql**

# A. Create SIS Database

- File -> Open -> File... and load the file **CreateSISDatabase.sql** from eConestoga (download from **Databases** folder to your **C: drive** first)

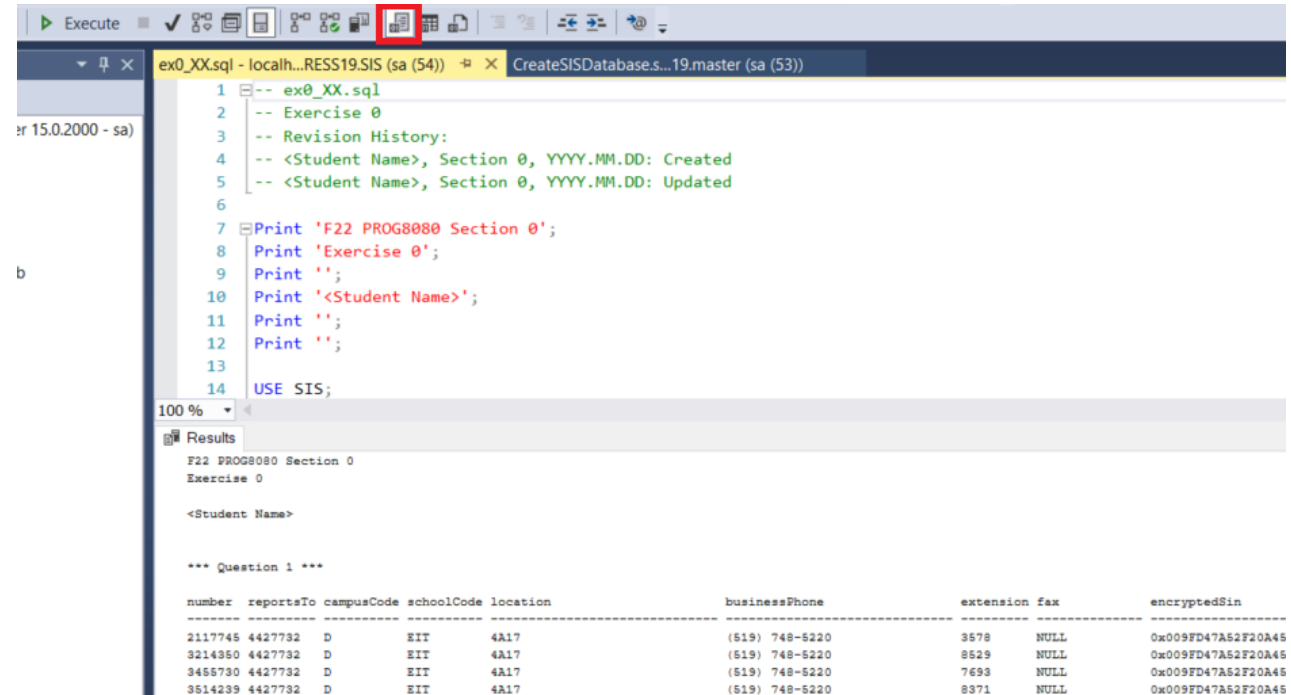- Press !Execute to create the **SIS** database

# (continued)

- Refresh the list of databases in the left-hand side bar by right-clicking on "**Databases**", then "**Refresh**"



- From the left side bar, you can expand the **SIS** database to see the list of tables

- Note: The tables are "owned" by the user "**dbo**" ("database owner")

# B. ex0_XX.sql

- File -> Open -> File… and load the file **ex0_XX.sql**
  - Download  from eConestoga **Week 01** folder
- Click "Results to Text" icon and !Execute
- To show line numbers: Tools -> Options… -> Text Editor -> Transact-SQL -> General
  - Check **Line numbers** checkbox

# (continued)

**To redirect SQL output to a file**:

- Select **Query > Results To > Results to File** (Ctrl+Shift+F) from the SQL Server Management Studio Express menu

- Run the query with **F5** or **!Execute**
  - Enter a file name for RPT file
  - (e.g., **ex0_XX.rpt** file to match the SQL code in **ex0_XX.sql**)
  - **Result:** RPT file is created and the **Results** window will display messages

- Open the **RPT** file (**ex0_XX.rpt**)
  - You can check the results in SSMS or in any text editor such as Notepad