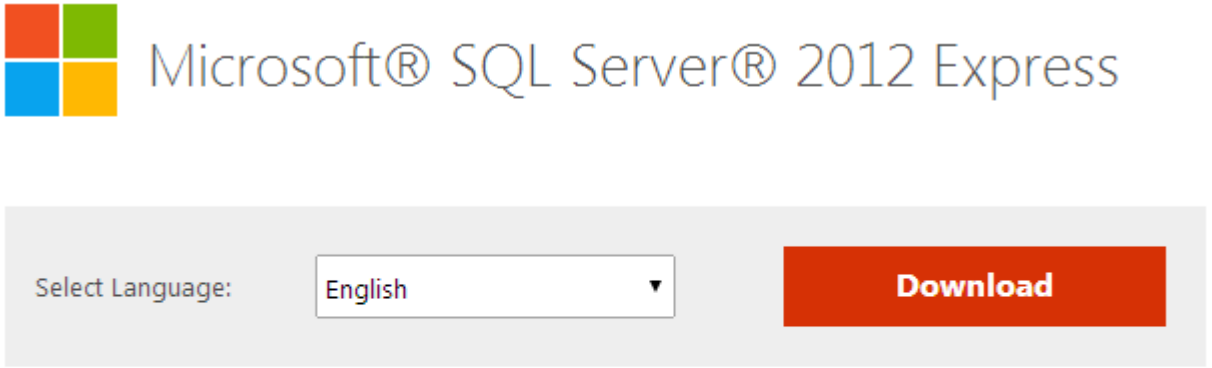
❑ Lab#4 SQL Server Setup and Connection

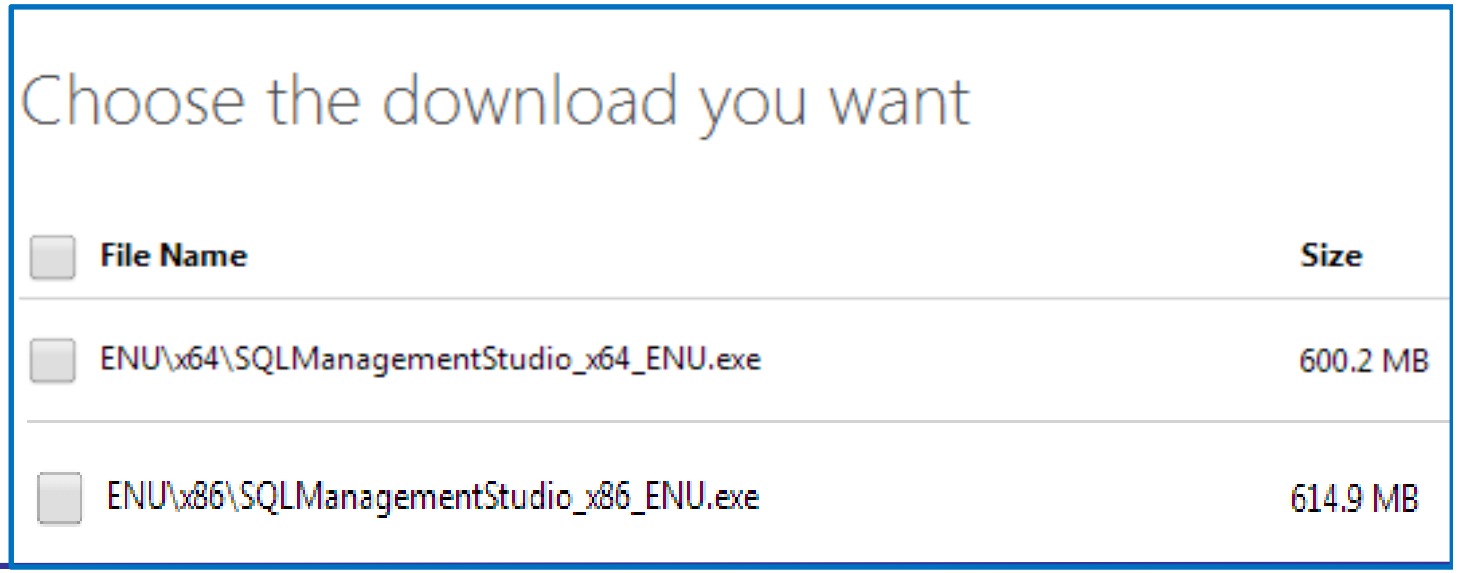
- Download SQL Server 2012 Management Studio Express
- Install SQL Server 2012 Management Studio Express
- Log on SQL Server 2012 on the Server
- Create your own database
- Create your own table
- Insert data
- Query data

SQL Server 2012 Management Studio Express

- http://www.microsoft.com/en-us/download/details.aspx?id=29062

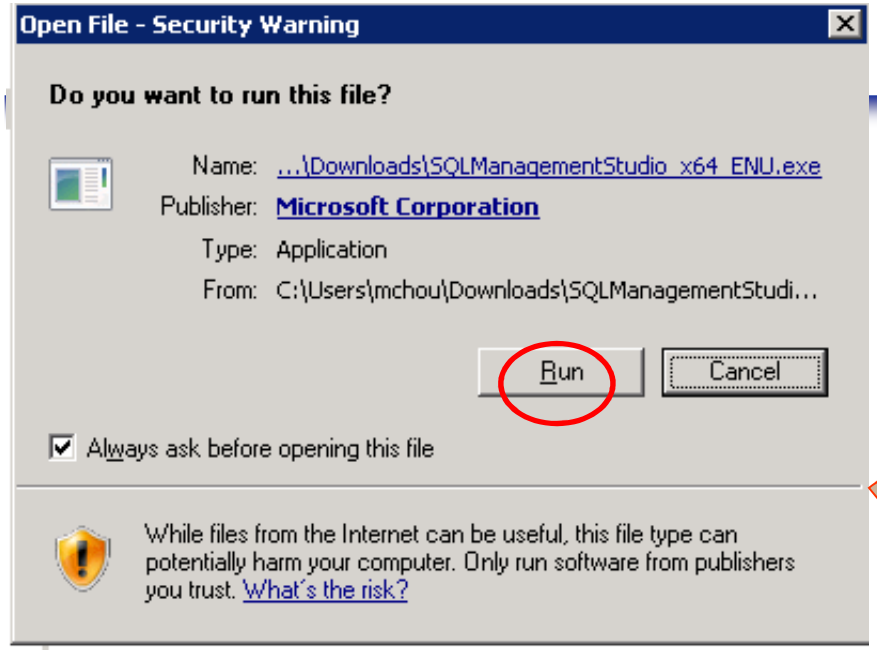


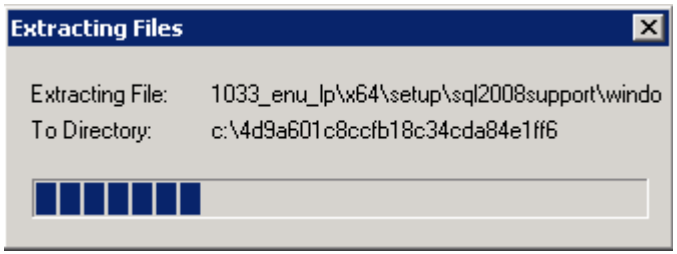
There are options for 32-bit and 64-bit, so grab the correct one based on your machine architecture.



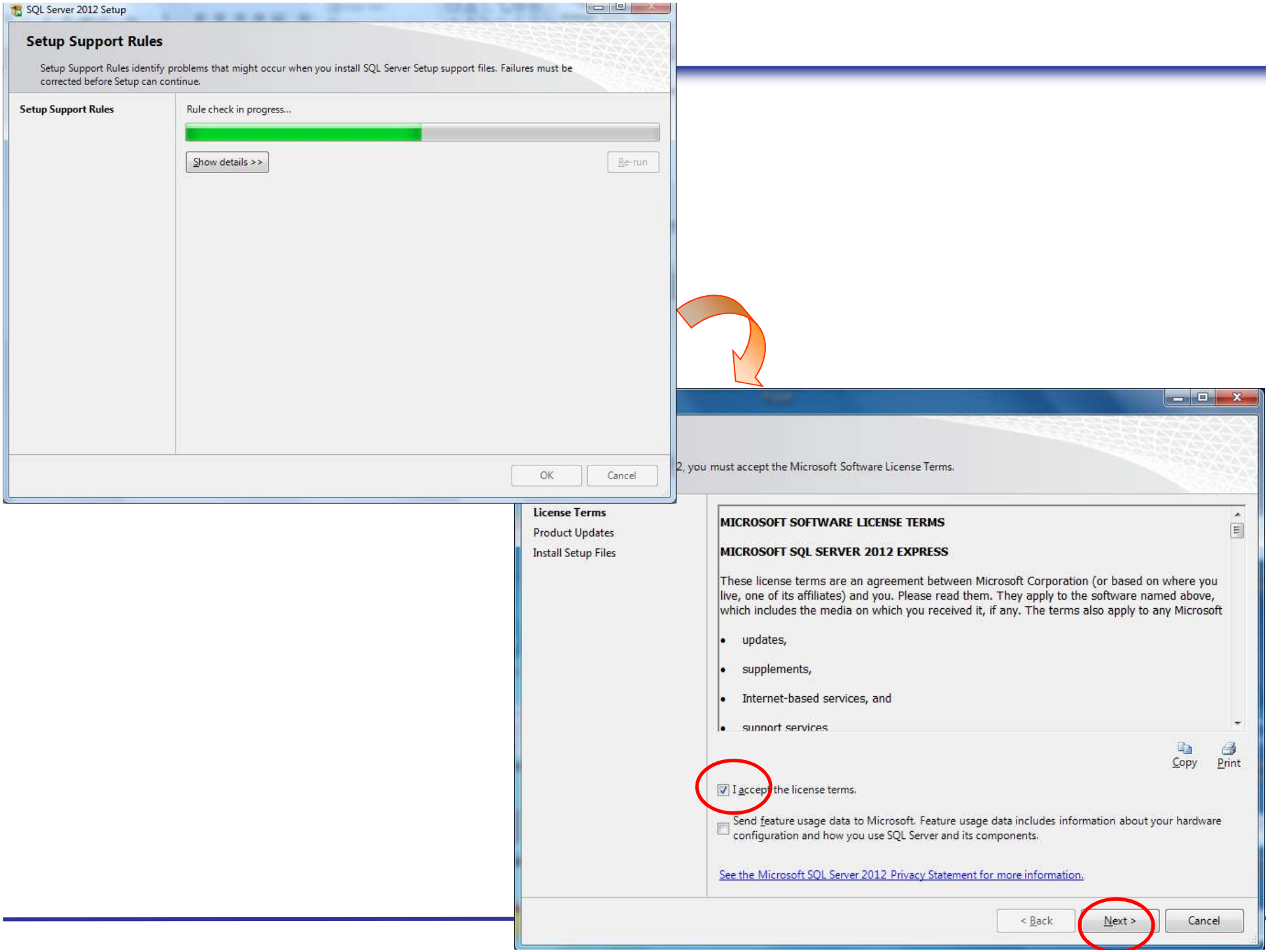
Install SQL Server 2012 Management Studio Express

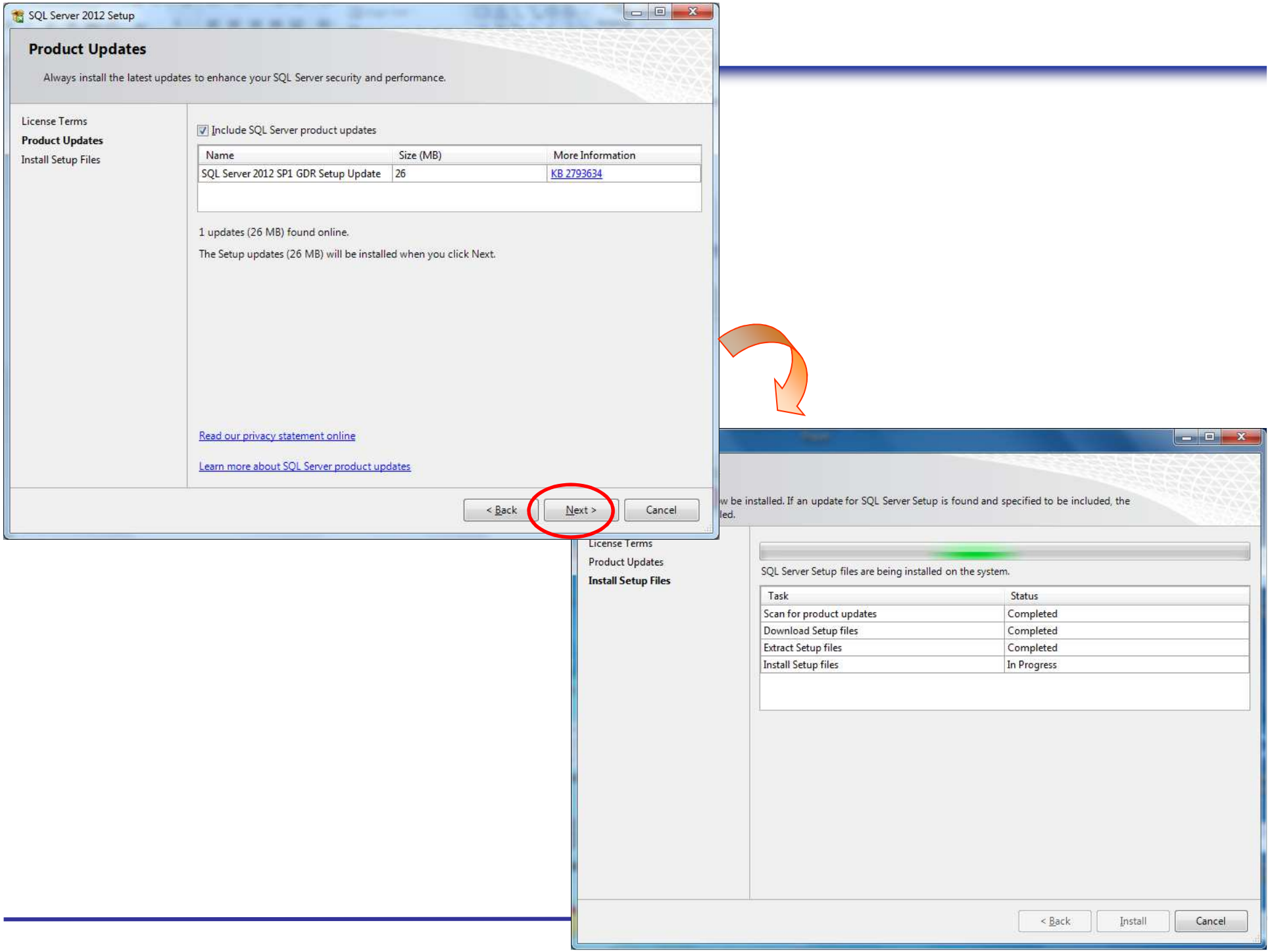
- Install *SQL Server 2012 Management Studio Express* on your own PC to access SQL Server 2012 on Windows Server.

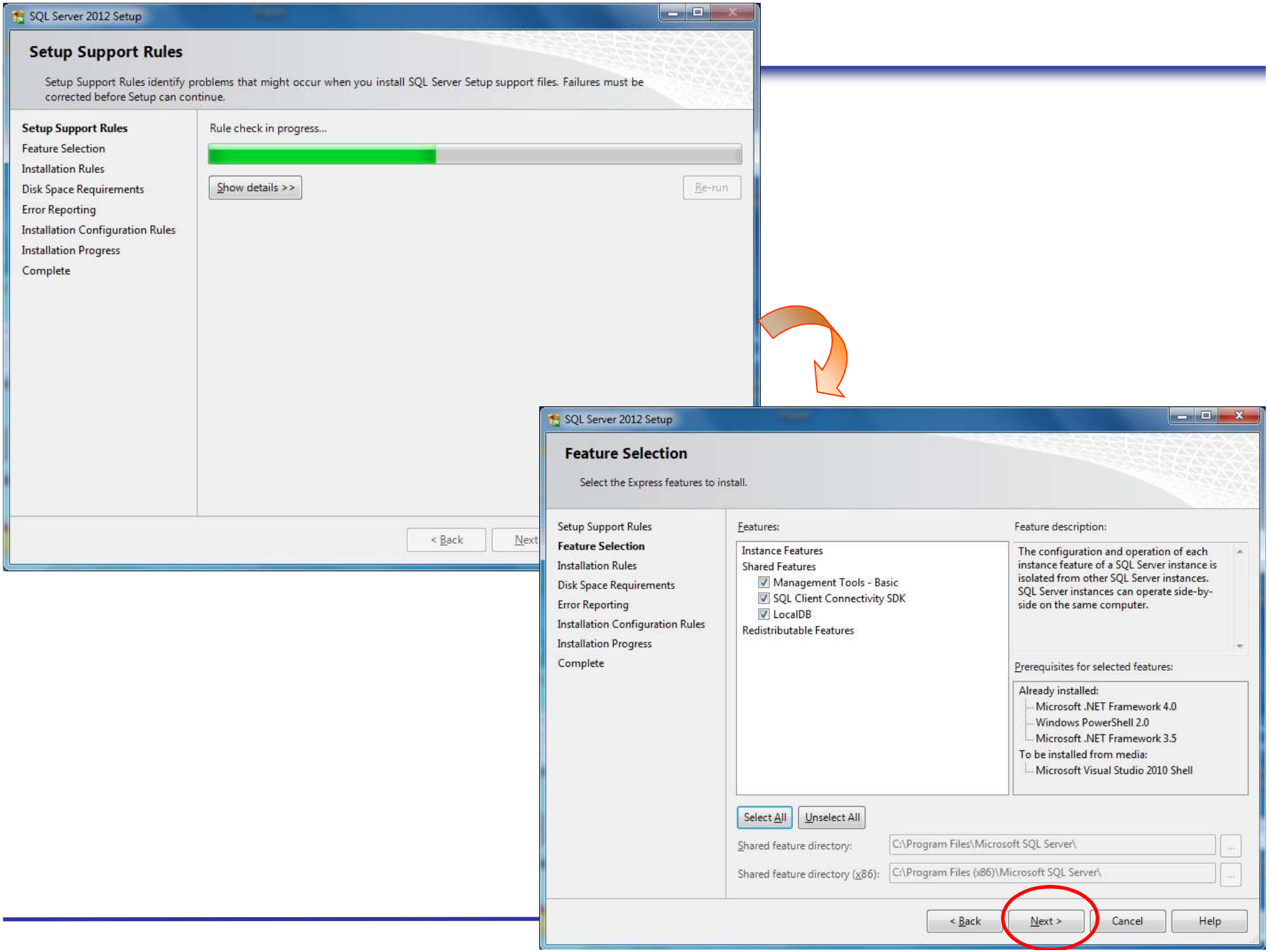

Open File - Security Warning
Do you want to run this file?
Name: ...\Downloads\SQLManagementStudio_x64_ENU.exe
Publisher: Microsoft Corporation
Type: Application
From: C:\Users\mchou\Downloads\SQLManagementStudi...
Run
Cancel
Always ask before opening this file
While files from the Internet can be useful, this file type can potentially harm your computer. Only run software from publishers you trust. What's the risk?

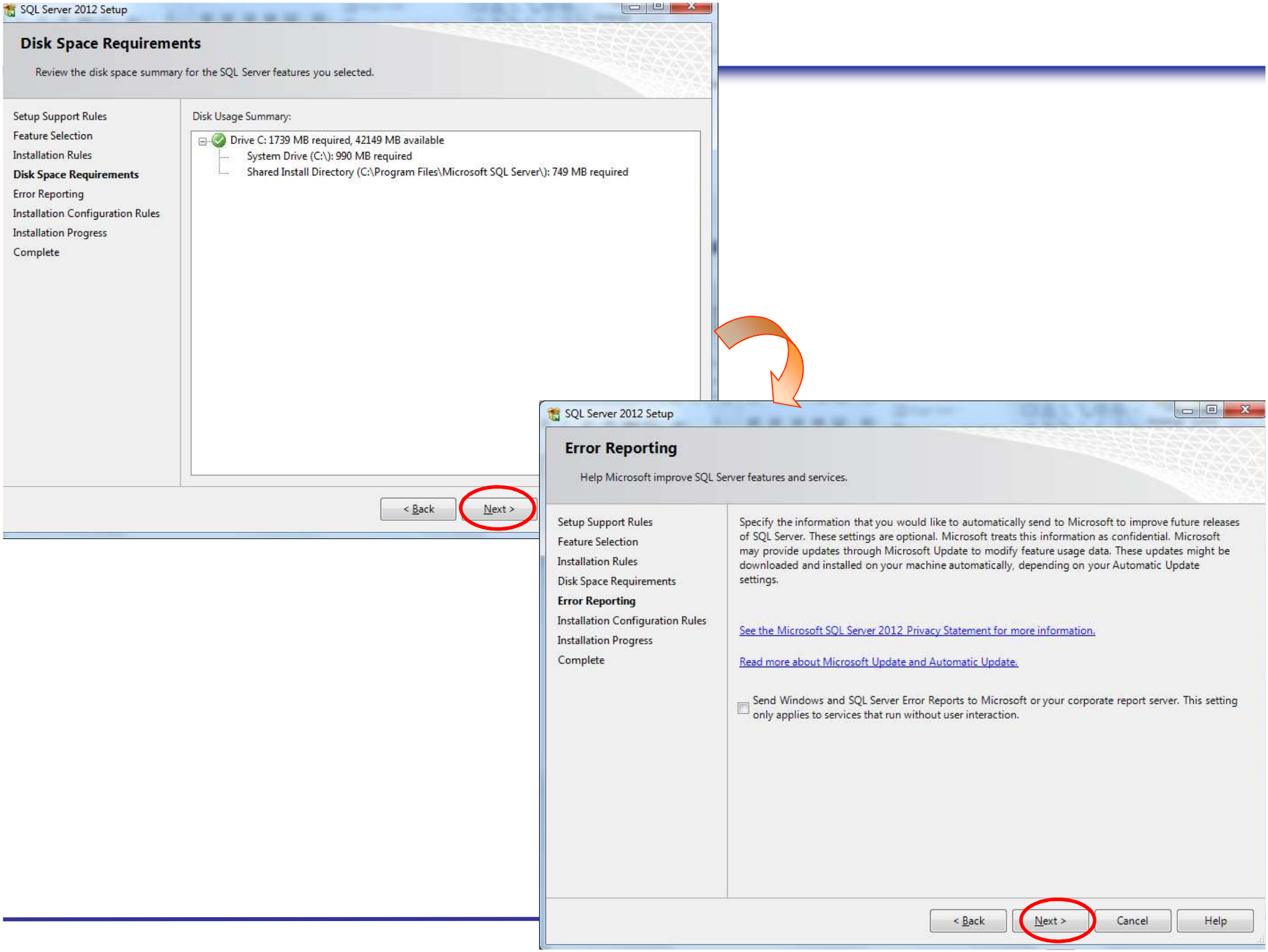

Extracting Files
Extracting File: 1033_enu_lp\x64\setup\sql2008support\windo
To Directory: c:\4d9a601c8ccfb18c34cda84e1ff6

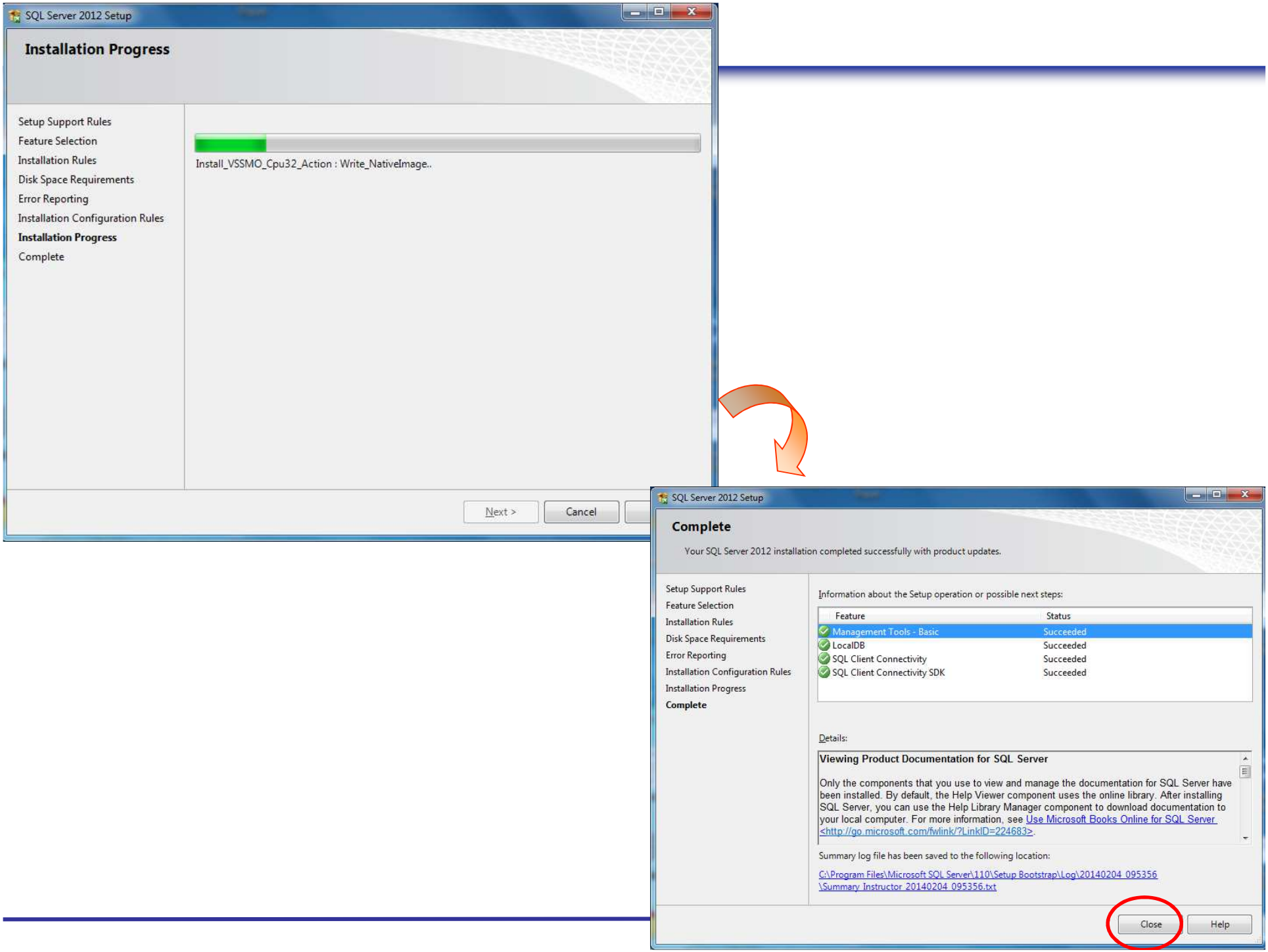
SQL Server Installation Center
Planning
Installation
Maintenance
Tools
Resources
Options
New SQL Server stand-alone installation or add features to an existing installation
Launch a wizard to install SQL Server 2012 in a non-clustered environment or to add features to an existing SQL Server 2012 instance.
Upgrade from SQL Server 2005, SQL Server 2008 or SQL Server 2008 R2
Launch a wizard to upgrade SQL Server 2005, SQL Server 2008 or SQL Server 2008 R2 to SQL Server 2012.

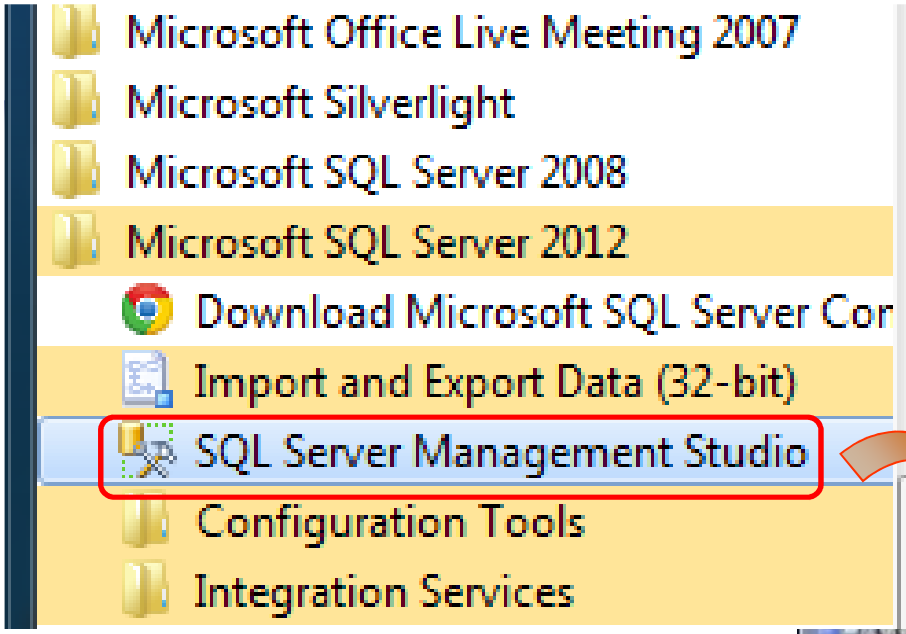

SQL Server 2012 Setup
Setup Support Rules
Setup Support Rules identify problems that might occur when you install SQL Server Setup support files. Failures must be corrected before Setup can continue.
Setup Support Rules
Rule check in progress...
Show details >>
Re-run
OK
Cancel
2, you must accept the Microsoft Software License Terms.
License Terms
Product Updates
Install Setup Files
MICROSOFT SOFTWARE LICENSE TERMS
MICROSOFT SQL SERVER 2012 EXPRESS
These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft
updates,
supplements,
Internet-based services, and
support services
Copy
Print
I accept the license terms.
Send feature usage data to Microsoft. Feature usage data includes information about your hardware configuration and how you use SQL Server and its components.
See the Microsoft SQL Server 2012 Privacy Statement for more information.
< Back
Next >
Cancel


SQL Server 2012 Setup
Product Updates
Always install the latest updates to enhance your SQL Server security and performance.
License Terms
Product Updates
Install Setup Files
Include SQL Server product updates
Name
Size (MB)
More Information
SQL Server 2012 SP1 GDR Setup Update
26
KB 2793634
1 updates (26 MB) found online.
The Setup updates (26 MB) will be installed when you click Next.
Read our privacy statement online
Learn more about SQL Server product updates
< Back
Next >
Cancel
be installed. If an update for SQL Server Setup is found and specified to be included, the
led.
License Terms
Product Updates
Install Setup Files
SQL Server Setup files are being installed on the system.
Task
Status
Scan for product updates
Completed
Download Setup files
Completed
Extract Setup files
Completed
Install Setup files
In Progress
< Back
Install
Cancel


SQL Server 2012 Setup
Setup Support Rules
Setup Support Rules identify problems that might occur when you install SQL Server Setup support files. Failures must be corrected before Setup can continue.
Setup Support Rules
Feature Selection
Installation Rules
Disk Space Requirements
Error Reporting
Installation Configuration Rules
Installation Progress
Complete
Rule check in progress...
Show details >>
Re-run
< Back
Next
SQL Server 2012 Setup
Feature Selection
Select the Express features to install.
Setup Support Rules
Feature Selection
Installation Rules
Disk Space Requirements
Error Reporting
Installation Configuration Rules
Installation Progress
Complete
Features:
Instance Features
Shared Features
Management Tools - Basic
SQL Client Connectivity SDK
LocalDB
Redistributable Features
Feature description:
The configuration and operation of each instance feature of a SQL Server instance is isolated from other SQL Server instances. SQL Server instances can operate side-by-side on the same computer.
Prerequisites for selected features:
Already installed:
Microsoft .NET Framework 4.0
Windows PowerShell 2.0
Microsoft .NET Framework 3.5
To be installed from media:
Microsoft Visual Studio 2010 Shell
Select All
Unselect All
Shared feature directory:
C:\Program Files\Microsoft SQL Server\
Shared feature directory (x86):
C:\Program Files (x86)\Microsoft SQL Server\
< Back
Next >
Cancel
Help


SQL Server 2012 Setup
Disk Space Requirements
Review the disk space summary for the SQL Server features you selected.
Setup Support Rules
Feature Selection
Installation Rules
Disk Space Requirements
Error Reporting
Installation Configuration Rules
Installation Progress
Complete
Disk Usage Summary:
Drive C: 1739 MB required, 42149 MB available
System Drive (C:\): 990 MB required
Shared Install Directory (C:\Program Files\Microsoft SQL Server\): 749 MB required
< Back
Next >
SQL Server 2012 Setup
Error Reporting
Help Microsoft improve SQL Server features and services.
Setup Support Rules
Feature Selection
Installation Rules
Disk Space Requirements
Error Reporting
Installation Configuration Rules
Installation Progress
Complete
Specify the information that you would like to automatically send to Microsoft to improve future releases of SQL Server. These settings are optional. Microsoft treats this information as confidential. Microsoft may provide updates through Microsoft Update to modify feature usage data. These updates might be downloaded and installed on your machine automatically, depending on your Automatic Update settings.
See the Microsoft SQL Server 2012 Privacy Statement for more information.
Read more about Microsoft Update and Automatic Update.
Send Windows and SQL Server Error Reports to Microsoft or your corporate report server. This setting only applies to services that run without user interaction.
< Back
Next >
Cancel
Help


SQL Server 2012 Setup
Installation Progress
Setup Support Rules
Feature Selection
Installation Rules
Disk Space Requirements
Error Reporting
Installation Configuration Rules
Installation Progress
Complete
Install_VSSMO_Cpu32_Action : Write_NativeImage..
Next >
Cancel
SQL Server 2012 Setup
Complete
Your SQL Server 2012 installation completed successfully with product updates.
Setup Support Rules
Feature Selection
Installation Rules
Disk Space Requirements
Error Reporting
Installation Configuration Rules
Installation Progress
Complete
Information about the Setup operation or possible next steps:
Feature
Status
Management Tools - Basic
Succeeded
LocalDB
Succeeded
SQL Client Connectivity
Succeeded
SQL Client Connectivity SDK
Succeeded
Details:
Viewing Product Documentation for SQL Server
Only the components that you use to view and manage the documentation for SQL Server have been installed. By default, the Help Viewer component uses the online library. After installing SQL Server, you can use the Help Library Manager component to download documentation to your local computer. For more information, see Use Microsoft Books Online for SQL Server <http://go.microsoft.com/fwlink/?LinkID=224683>.
Summary log file has been saved to the following location:
C:\Program Files\Microsoft SQL Server\110\Setup Bootstrap\Log\20140204_095356\Summary_Instructor_20140204_095356.txt
Close
Help



1. Connect to SQL Server 2012

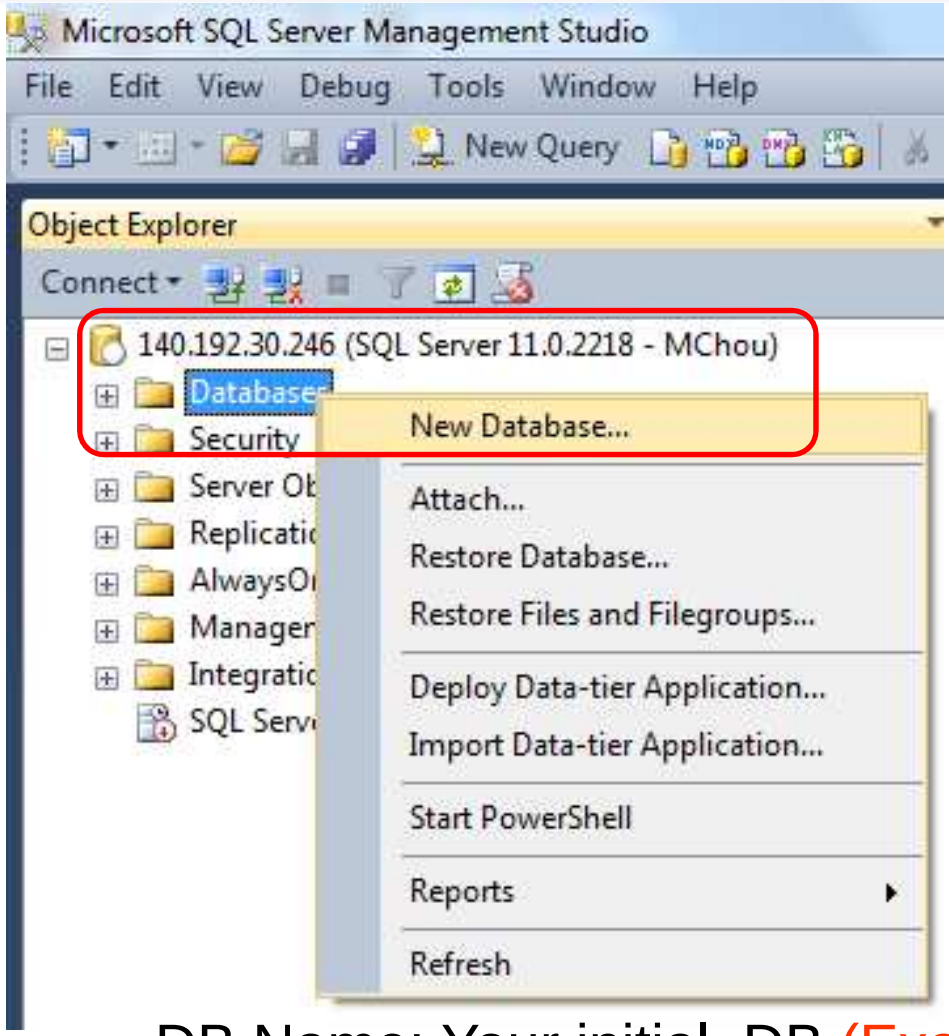
Server Name: 140.192.30.246

Authentication: SQL Server

ID: First initial + Last Name
(Example: Marco Chou -> MChou)

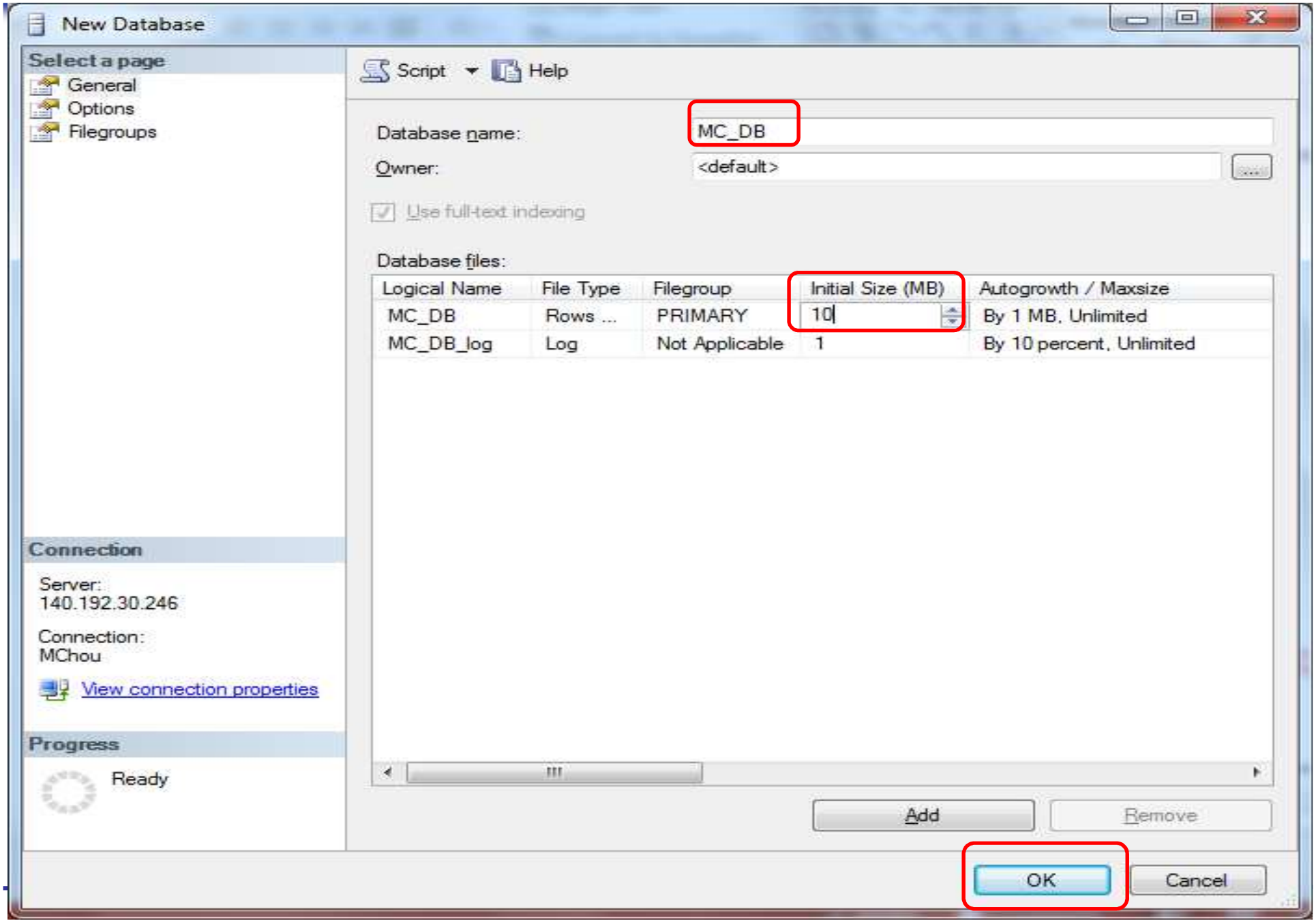
PW: CSC554$%

2. Create DB

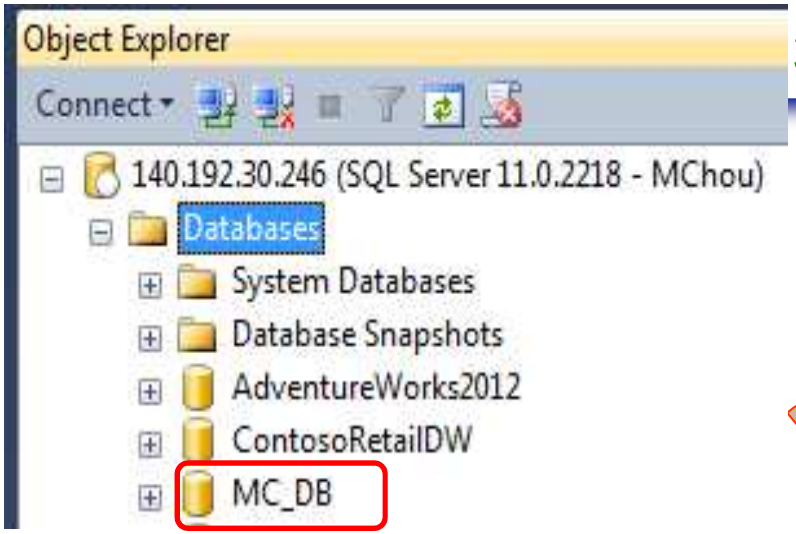


- DB Name: Your initial_DB (Example: Marco Chou -> MC_DB)
- Size: 10MB
- Logical data file name (Example: MC_db_data)

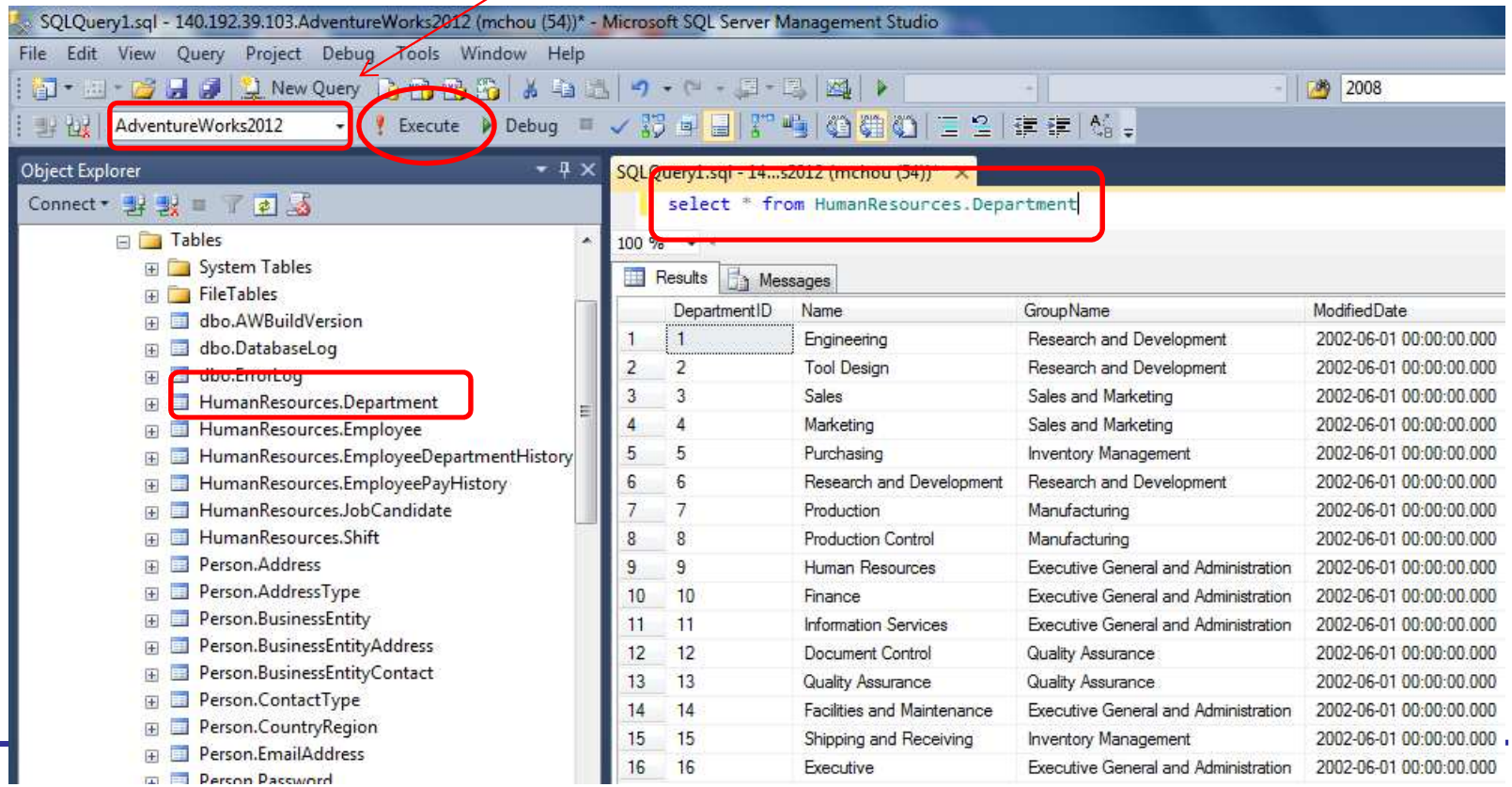
Your initial_DB: for example, MC_DB



3. Query practice – Click New Query

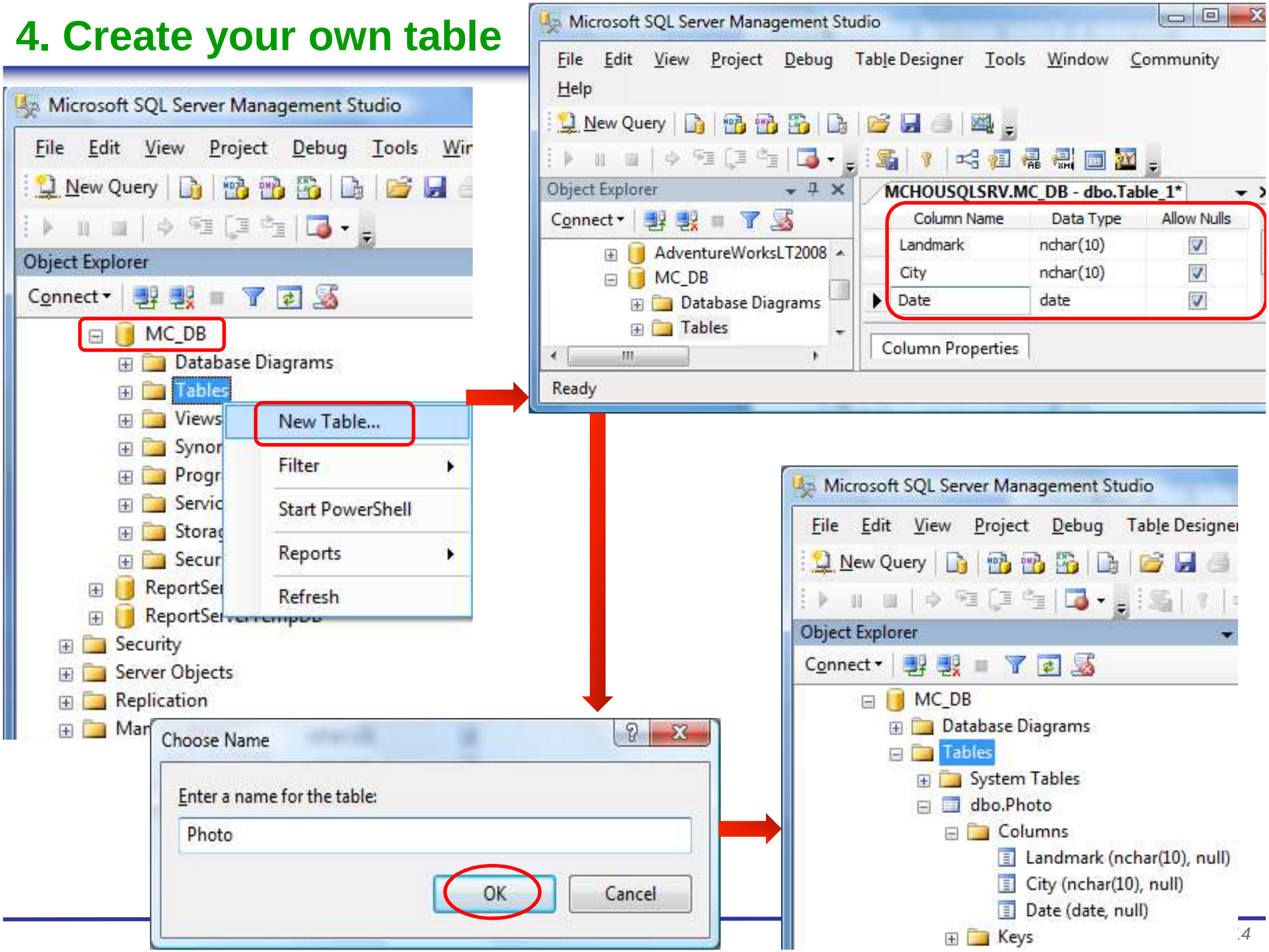


Use Adventureworks2012

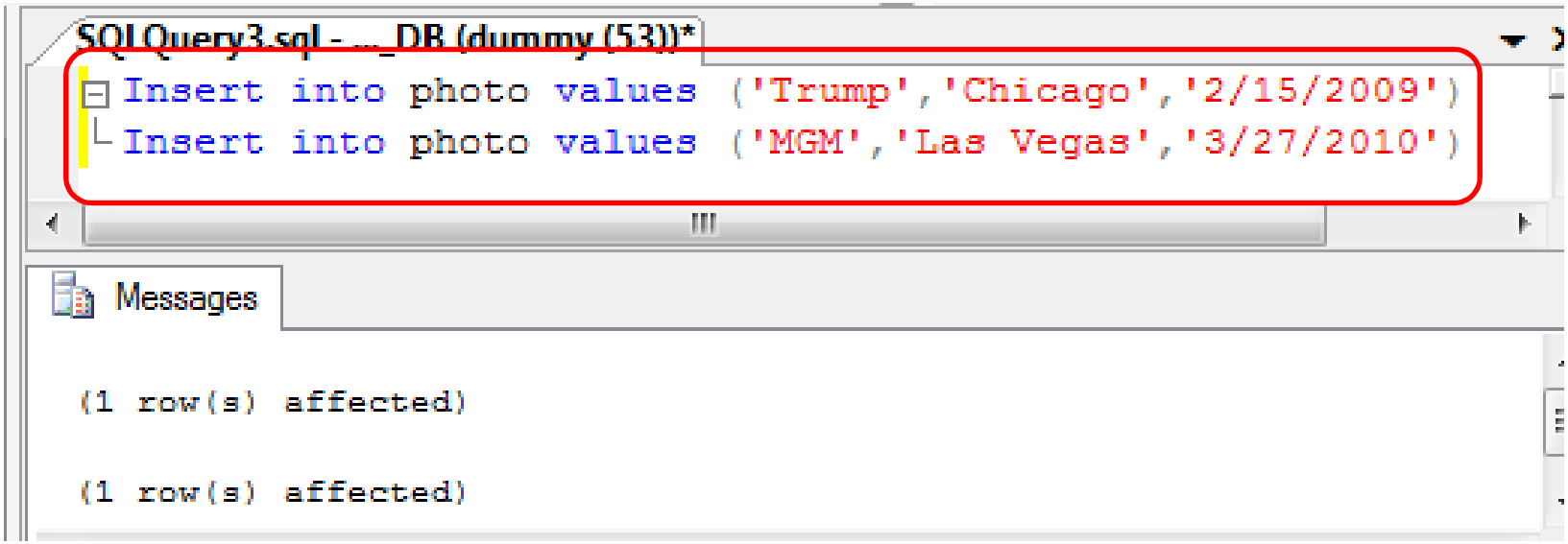
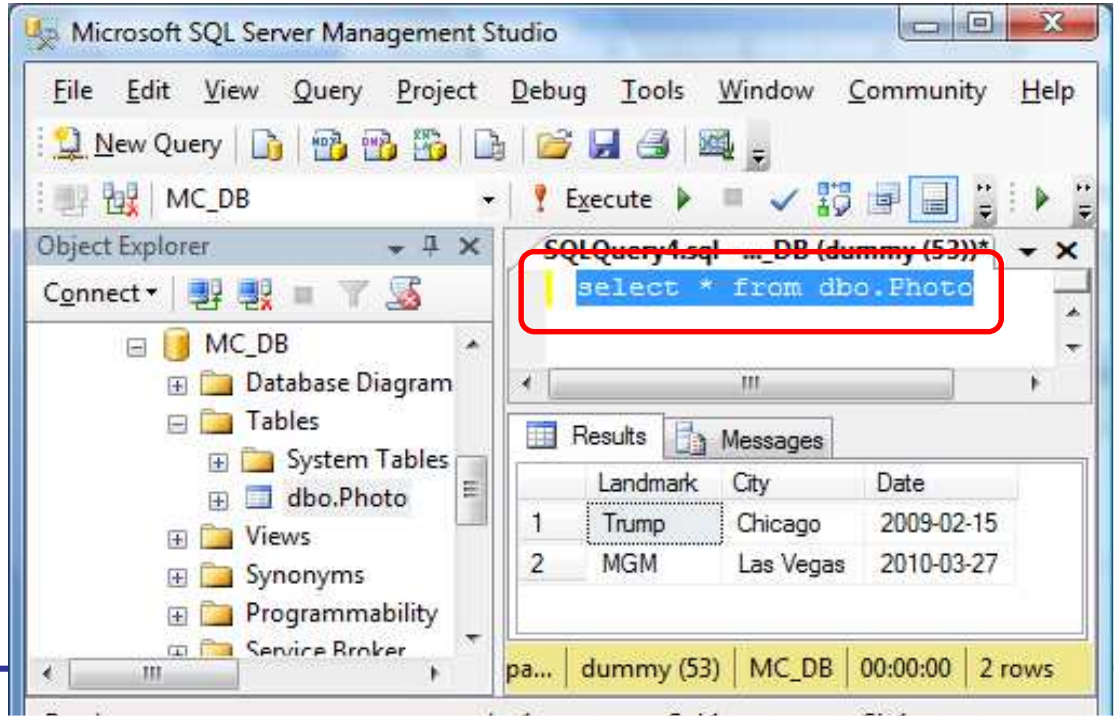


	DepartmentID	Name	GroupName	ModifiedDate
1	1	Engineering	Research and Development	2002-06-01 00:00:00.000
2	2	Tool Design	Research and Development	2002-06-01 00:00:00.000
3	3	Sales	Sales and Marketing	2002-06-01 00:00:00.000
4	4	Marketing	Sales and Marketing	2002-06-01 00:00:00.000
5	5	Purchasing	Inventory Management	2002-06-01 00:00:00.000
6	6	Research and Development	Research and Development	2002-06-01 00:00:00.000
7	7	Production	Manufacturing	2002-06-01 00:00:00.000
8	8	Production Control	Manufacturing	2002-06-01 00:00:00.000
9	9	Human Resources	Executive General and Administration	2002-06-01 00:00:00.000
10	10	Finance	Executive General and Administration	2002-06-01 00:00:00.000
11	11	Information Services	Executive General and Administration	2002-06-01 00:00:00.000
12	12	Document Control	Quality Assurance	2002-06-01 00:00:00.000
13	13	Quality Assurance	Quality Assurance	2002-06-01 00:00:00.000
14	14	Facilities and Maintenance	Executive General and Administration	2002-06-01 00:00:00.000
15	15	Shipping and Receiving	Inventory Management	2002-06-01 00:00:00.000
16	16	Executive	Executive General and Administration	2002-06-01 00:00:00.000

4. Create your own table



5. Insert your own data



6. View your own data