



DIVISION OF
DIGITAL CONTENTS
DONGSEO UNIVERSITY

Database

Visual Studio Database Project

jintaeks@dongseo.ac.kr

September 19th, 2018

Visual Studio Installer

Modifying — Visual Studio Community 2017 — 15.9.11

Workloads Individual components Language packs Installation locations

Web & Cloud (7)



ASP.NET and web development

Build web applications using ASP.NET, ASP.NET Core, HTML/JavaScript, and Containers including Docker support.



Python development

Editing, debugging, interactive development and source control for Python.



Data storage and processing

Connect, develop, and test data solutions with SQL Server, Azure Data Lake, or Hadoop.



Office/SharePoint development

Create Office and SharePoint add-ins, SharePoint solutions, and VSTO add-ins using C#, VB, and JavaScript.



Azure development

Azure SDKs, tools, and projects for developing cloud apps, creating resources, and building Containers including...



Node.js development

Build scalable network applications using Node.js, an asynchronous event-driven JavaScript runtime.



Data science and analytical applications

Languages and tooling for creating data science applications, including Python, R and F#.



Mobile & Gaming (5)



Mobile development with .NET



Game development with Unity



Location

C:\Program Files (x86)\Microsoft Visual Studio\2017\Community [Change...](#)

By continuing, you agree to the [license](#) for the Visual Studio edition you selected. We also offer the ability to download other software with Visual Studio. This software is licensed separately, as set out in the [3rd Party Notices](#) or in its accompanying license. By continuing, you also agree to those licenses.

Installation details

> Visual Studio core editor

> .NET desktop development

> Desktop development with C++

> Data storage and processing

> Mobile development with .NET

> Game development with Unity

> Game development with C++

✓ Individual components

- ✓ Visual C++ ATL for x86 and x64
- ✓ Visual C++ MFC for x86 and x64
- ✓ Windows 10 SDK (10.0.16299.0) for UWP: C#, VB, JS
- ✓ Windows 10 SDK (10.0.16299.0) for UWP: C++
- ✓ Windows 10 SDK (10.0.16299.0) for Desktop C++ [x8...
- ✓ Image and 3D model editors
- ✓ Android NDK (R13B)
- ✓ Cocos
- ✓ Android SDK setup (API level 25)
- ✓ Google Android Emulator (API Level 25)
- ✓ GitHub extension for Visual Studio
- ✓ DGML editor

Total space required 58 MB

Install while downloading

Modify

1.18.1100.314

New Project

Recent

Installed

Visual C++

Other Languages

Game

Visual C#

Visual Basic

SQL Server

Visual F#

Other Project Types

Online

Sort by: Default

SQL Server Database Project

SQL Server

Search (Ctrl+E)

Type: SQL Server

A project for creating a SQL Server database.

Not finding what you are looking for?

[Open Visual Studio Installer](#)

Name: Database1

Location: C:\Users\13FGames\source\repos

Solution name: Database1

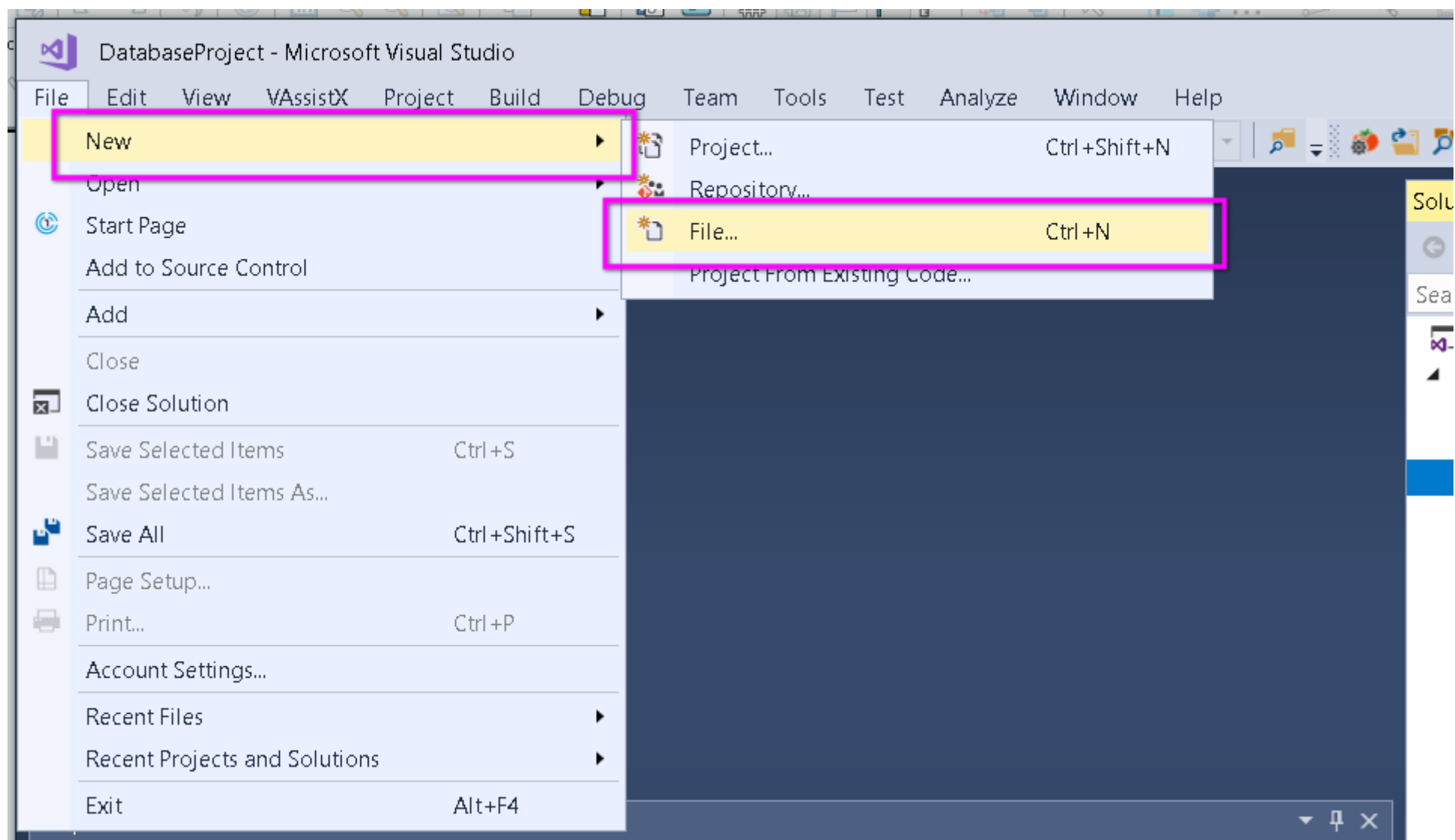
Browse...

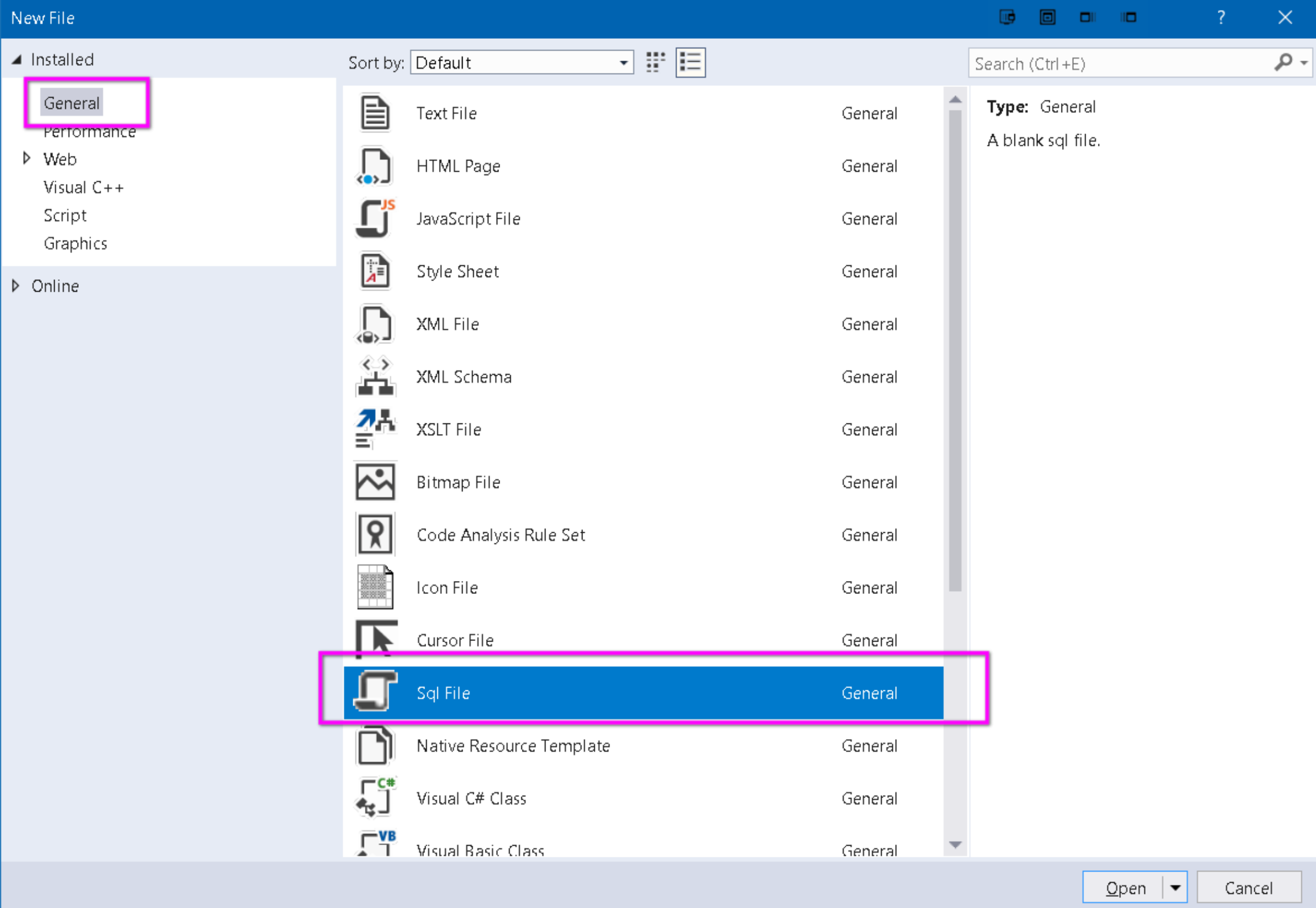
☒ Create directory for solution

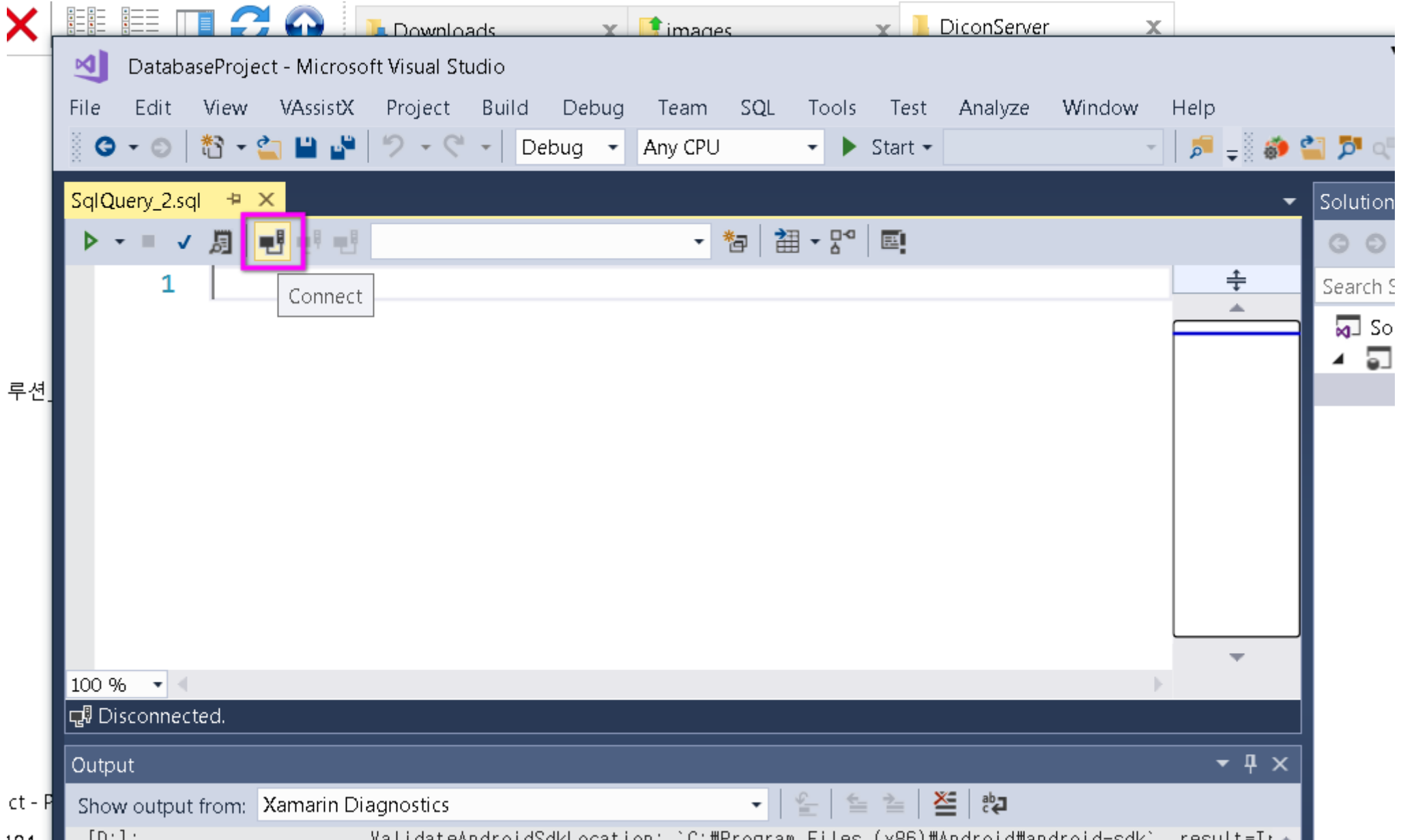
☐ Create new Git repository

OK

Cancel







루션

Connect

History **Browse**

Type here to filter the list

Local

- DESKTOP-M0Q9EGC\SQLEXPRESS
- MSSQLLocalDB
- ProjectsV13
- v11.0

Network

Azure

Server Name: DESKTOP-M0Q9EGC\SQLEXPRESS

Authentication: SQL Server Authentication

User Name: sa

Password: ●●●●

☐ Remember Password

Database Name: Customer

Advanced...

Connect Cancel

DatabaseProject - Microsoft Visual Studio

File Edit View VAssistX Project Build Debug Team SQL Tools Test Analyze Window Help

Debug Any CPU IntelliSense Enabled

Connection Execution Settings

Execute Ctrl+Shift+E

Execute With Debugger Alt+F5

Cancel Execution Alt+Break

Display Estimated Execution Plan Ctrl+D, E

Parse

Results To

SqlQuery_2.sql * + X

Customer

```
1 select * from MyUser;
```

100 % T-SQL Results Message

| | loginName | nickName | age | creationDate |
|---|-----------|---------------|-----|-------------------------|
| 1 | jintaeks | jintaeksNick | 51 | 2019-04-12 22:45:39,863 |
| 2 | jintaeks2 | jintaeksNick2 | 51 | 2019-04-12 23:23:23,907 |

Query executed successfully at 8:52:12 PM | DESKTOP-M0Q9EGC\SQLEXPRESS ... | sa (52) | Customer | 00:00:00 | 2 rows

Output

Show output from: Xamarin Diagnostics

```
[D:]: ValidateAndroidSdkLocation: 'C:\Program Files (x86)\Android\android-sdk', result=Tr
[D:]: ValidateAndroidNdkLocation: 'C:\ProgramData\Microsoft\AndroidNDK64\android-ndk-r13t
[D:]: ValidateJavaSdkLocation: 'C:\Program Files\Java\jdk1.8.0_131', result=True
[I:]: Found Xamarin.Android 9.1.7.0
```

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'DatabaseProject' (1 project)

- DatabaseProject
 - Properties
 - References
 - dbo.spGetAllUser.sql
 - dbo.spUpdateAge.sql

Server E... Unity Pr... VA Outli... VA View Solution... Class Vi...

Ready Ln 1 Col 22 Ch 22 INS Add to Source Control

DatabaseProject - Microsoft Visual Studio

File Edit View VAssistX Project Build Debug Team SQL Tools Test Analyze Window Help

Debug Any CPU Start

SqlQuery_2.sql * x

Customer

```
1 select * from MyUser;
```

100 %

T-SQL Results Message

| | loginName | nickName | age | creationDate |
|---|-----------|---------------|-----|-------------------------|
| 1 | jintaeks | jintaeksNick | 51 | 2019-04-12 22:45:39.863 |
| 2 | jintaeks2 | jintaeksNick2 | 51 | 2019-04-12 23:23:23.907 |

Query executed successfully at 8:52:12 PM | DESKTOP-M0Q9EGC\SQLEXPRESS ...

Output

Show output from: Xamarin Diagnostics

```
[D:]: ValidateAndroidSdkLocation: `C:\Program Files (x86)\Microsoft SDKs\Android\v23\build-tools\23.0.3\bin\arm-linux-androideabi\arm-linux-androideabi-23.0.3.exe` result=True
[D:]: ValidateAndroidNdkLocation: `C:\ProgramData\Microsoft\Xamarin\Tools\AndroidNdk\arm-linux-androideabi\arm-linux-androideabi-23.0.3.exe` result=True
[D:]: ValidateJavaSdkLocation: `C:\Program Files\Java\jdk-8.0.131\bin\java.exe` result=True
[I:]: Found Xamarin.Android 9.1.7.0
```

Server E...

Ready

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'DatabaseProject' (1 project)

DatabaseProject

- New Item... Ctrl+Shift+A
- Existing Item... Shift+Alt+A
- New Folder
- Reference...
- Connected Service
- Inline Function...
- Table...
- Table-valued Function...
- View...
- Scalar-valued Function...
- Stored Procedure...
- Script...

- Import
- Snapshot Project
- Schema Compare...
- View in Object Explorer
- Go to Debug Database
- Build
- Rebuild
- Clean
- Publish...
- Run Code Analysis
- Scope to This
- New Solution Explorer View
- Add
- Manage NuGet Packages...
- Refactor
- Set as StartUp Project
- Cut Ctrl+X
- Remove Del
- Rename F2

Installed

Sort by: Default



Search (Ctrl+E)



SQL Server

Programmability

Security

Service Broker

Server Objects

SQL CLR

SQL CLR C#

Storage

Tables and Views

User Scripts

Visual Studio Templates



Post-Deployment Script

SQL Server

Pre-Deployment Script

SQL Server

Script (Build)

SQL Server

Script (Not in build)

SQL Server

Type: SQL Server

Transact-SQL script not included in the build

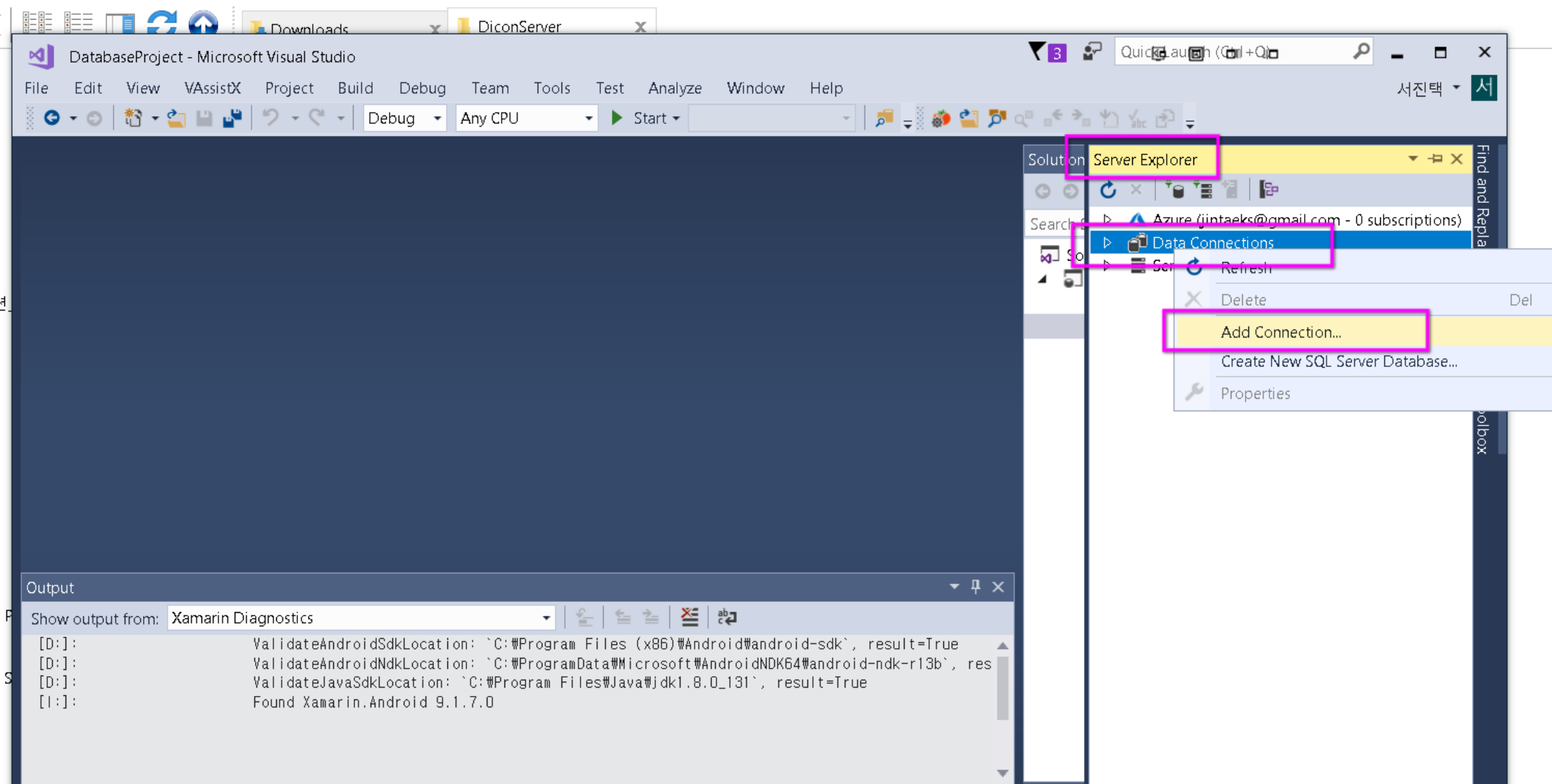
Online

Name:

Script3.sql

Add

Cancel



Enter information to connect to the selected data source or click "Change" to choose a different data source and/or provider.

Data source:

Microsoft SQL Server (SqlClient)

Change...

Server name:

DESKTOP-M0Q9EGC\SQLEXPRESS

Refresh

Log on to the server

Authentication: SQL Server Authentication

User name: sa

Password:

☐ Save my password

Connect to a database

☒ Select or enter a database name:

Customer

☐ Attach a database file:

Browse...

Logical name:

Advanced...

Test Connection

OK

Cancel

MY **BRIGHT** FUTURE

DSU Dongseo University
동서대학교