

The background features a light gray gradient with several realistic water droplets of various sizes scattered across the surface. The droplets have highlights and shadows, giving them a three-dimensional appearance. The title text is centered in the middle of the page.

VISUAL BASIC WITH DATABASE

Open <https://www.microsoft.com/en-sa/download/details.aspx?id=29062>

Choose Your Computer Type, Click Download



The screenshot shows the Microsoft website header with the logo and navigation links: Office, Windows, Surface, Xbox, and Support. Below the header is the product name "Microsoft® SQL Server® 2012 Express" accompanied by the Microsoft logo. A language selection dropdown menu is set to "English", and a prominent red "Download" button is visible. Below this, a paragraph of text describes the product as a powerful and reliable free data management system for lightweight web sites and desktop applications.

Microsoft Office Windows Surface Xbox Support

Microsoft® SQL Server® 2012 Express

Change Language: English

Microsoft® SQL Server® 2012 Express is a powerful and reliable free data management system that delivers a rich and reliable data store for lightweight Web Sites and desktop applications.

ONCE IT IS COMPLETE IT, DOUBLE CLICK AND RUN

Choose the download you want

File Name

Express 32BIT WoW64\SQLEXPR32_x86_E

Express 32BIT\SQLEXPR_x86_ENU.exe

Express 64BIT\SQLEXPR_x64_ENU.exe

ExpressAdv 32BIT\SQLEXPRADV_x86_ENU

ExpressAdv 64BIT\SQLEXPRADV_x64_ENU

ExpressAndTools 32BIT\SQLEXPRWT_x86_ENU.exe

840.8 MB

Total Size: 149.9 MB

Download Summary:
KBMBGB

- Express 32BIT
WoW64\SQLEXPR32_x86_ENU.exe

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فتح ملف - تحذير أمان

هل تريد تشغيل هذا الملف؟

الاسم: [inistrator\Downloads\SQLEXPR32_x86_ENU.exe...](#)

الناشر: [Microsoft Corporation](#)

النوع: التطبيق

من: ..._C:\Users\Administrator\Downloads\SQLEXPR32

السؤال دومًا قبل فتح هذا الملف

يفترض أن تكون الملفات التي يتم الحصول عليها من إنترنت مقيدة، إلا أن هذا النوع من الملفات قد يتسبب في إلحاق الضرر بالكمبيوتر. قم بتشغيل برامج من ناشرين موثوقين بهم. [يا هي المخاطر المحتملة؟](#)

عرض الكل

SQLEXPR32_x86_E....exe

CHOOSE A DIRECTION (WHERE TO SAVE IT)

C:\Users\Administrator\Downloads\SQLEXPR32_x86_ENU\

<input type="checkbox"/> File Name	Size
<input checked="" type="checkbox"/> Express 32BIT WoW64\SQLEXPR32_x86_ENU.exe	
<input type="checkbox"/> Express 32BIT\SQLEXPR_x86_ENU.exe	
<input type="checkbox"/> Express 64BIT\SQLEXPR_x64_ENU.exe	
<input type="checkbox"/> ExpressAdv 32BIT\SQLEXPRADV_x86_ENU.exe	1.1 GB
<input type="checkbox"/> ExpressAdv 64BIT\SQLEXPRADV_x64_ENU.exe	1.1 GB
<input type="checkbox"/> ExpressAndTools 32BIT\SQLEXPRWT_x86_ENU.exe	840.8 MB

Choose Directory For Extracted Files

Choose Directory For Extracted Files

C:\Users\Administrator\Downloads\SQLEXPR32_x86_ENU\

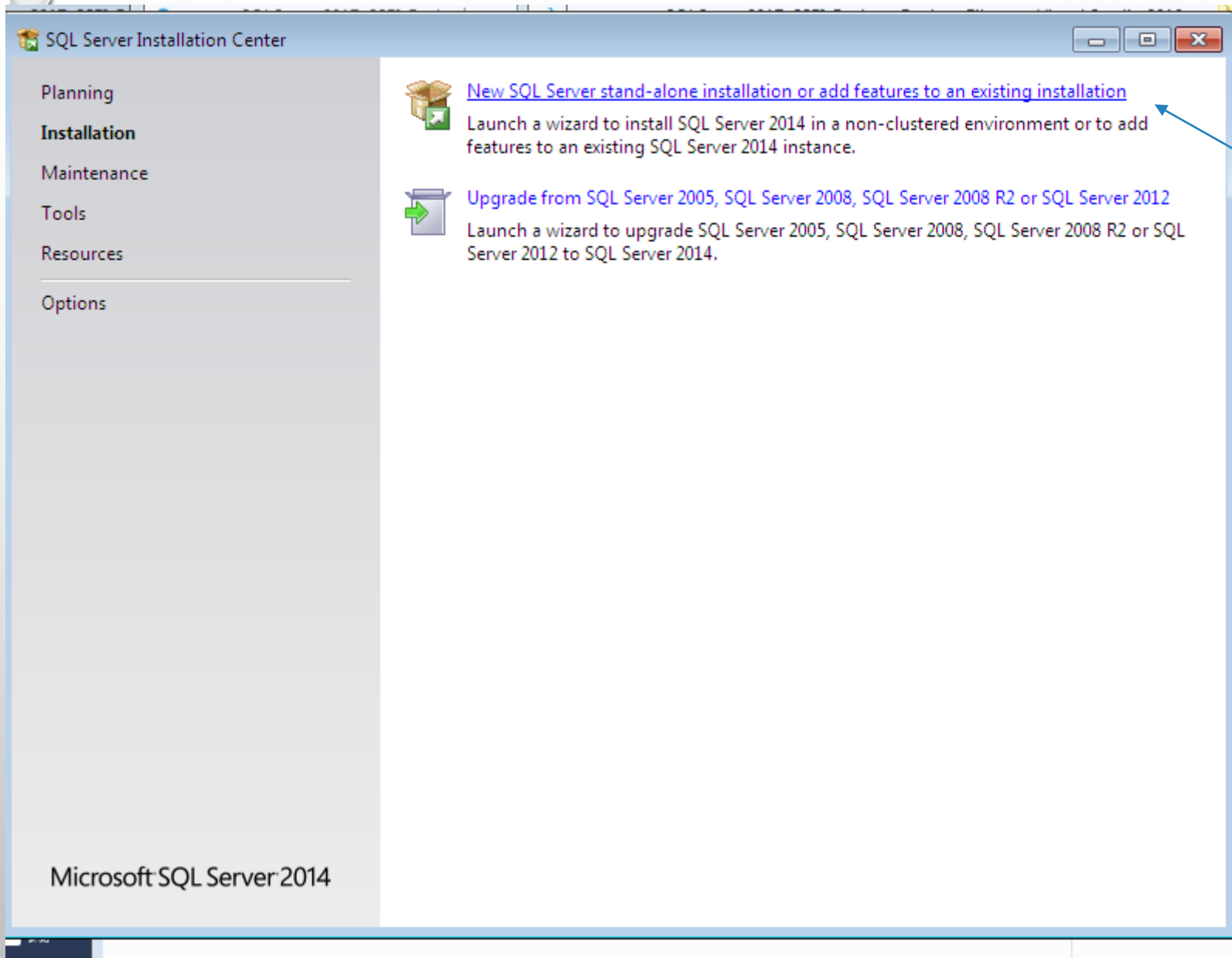
Ok Cancel Browse...

Download Summary:
KBMBGB

1. Express 32BIT
WoW64\SQLEXPR32_x86_ENU.exe

Total Size: 149.9 MB

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License Terms

To install SQL Server 2014, you must accept the Microsoft Software License Terms.

License Terms

Global Rules

Microsoft Update

Product Updates

Install Setup Files

Install Rules

Feature Selection

Feature Rules

Feature Configuration Rules

Installation Progress

Complete

MICROSOFT SOFTWARE LICENSE TERMS

MICROSOFT SQL SERVER 2014 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,



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Turn on Customer Experience Improvement Program ("CEIP") and Error Reporting to help improve the quality, reliability and performance of Microsoft SQL Server 2014.

[See the Microsoft SQL Server 2014 Privacy Statement for more information.](#)

* Microsoft SQL Server 2014 also includes a Visual Studio component that will have CEIP settings turned off by default. If Visual Studio is installed, this component will use the CEIP settings for Visual Studio.

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Microsoft Update

Use Microsoft Update to check for important updates

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Microsoft Update offers security and other important updates for Windows and other Microsoft software, including SQL Server 2014. Updates are delivered using Automatic Updates, or you can visit the Microsoft Update website.

Use Microsoft Update to check for updates (recommended)

[Microsoft Update FAQ](#)

[Microsoft Update Privacy Statement](#)

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Feature Selection

Select the Express features to install.

- License Terms
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- Microsoft Update
- Product Updates
- Install Setup Files
- Install Rules
- Feature Selection**
- Feature Rules
- Instance Configuration
- Server Configuration
- Database Engine Configuration
- Feature Configuration Rules
- Installation Progress
- Complete

Features:

- Instance Features**
 - Database Engine Services
 - SQL Server Replication
- Shared Features
 - SQL Client Connectivity SDK
- 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

Prerequisites for selected features:

Already installed:
... Windows PowerShell 2.0
... Microsoft .NET Framework 3.5

Disk Space Requirements

Drive C: 979 MB required, 434116 MB available

Select All

Unselect All

Instance root directory:

C:\Program Files\Microsoft SQL Server\

Shared feature directory:

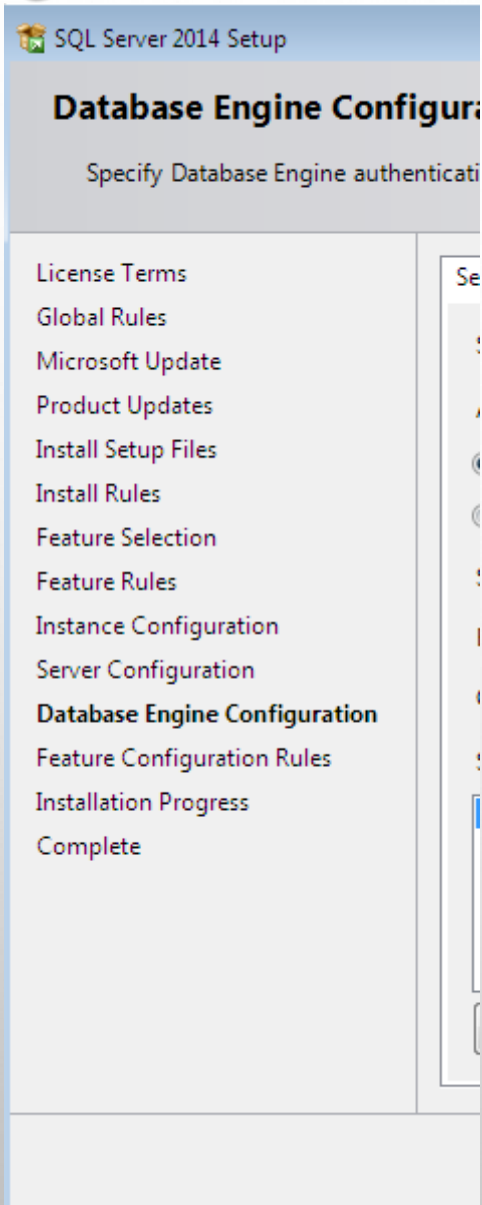
C:\Program Files\Microsoft SQL Server\

< Back

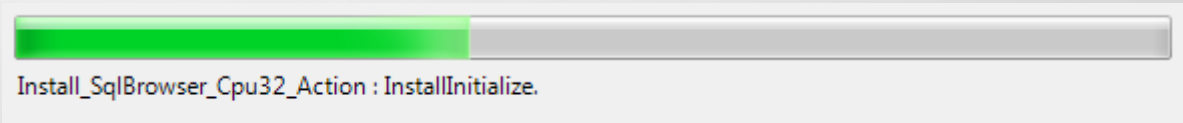
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Help



KEEP CLICKING NEXT „ NEXT..
FOR ALL



SQL Server 2014 Setup

Complete

Your SQL Server 2014 installation completed successfully with product updates.

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Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Feature Configuration Rules
Installation Progress
Complete

Information about the Setup operation or possible next steps:

Feature	Status
✓ Database Engine Services	Succeeded
✓ SQL Server Replication	Succeeded
✓ SQL Browser	Succeeded
✓ SQL Writer	Succeeded
✓ SQL Client Connectivity	Succeeded
✓ SQL Client Connectivity SDK	Succeeded

Details:

SQL Server 2014

Please wait while Microsoft SQL Server 2014 Setup processes the current operation.

For more information for SQL Server have
library. After installing
load documentation to
online for SQL Server

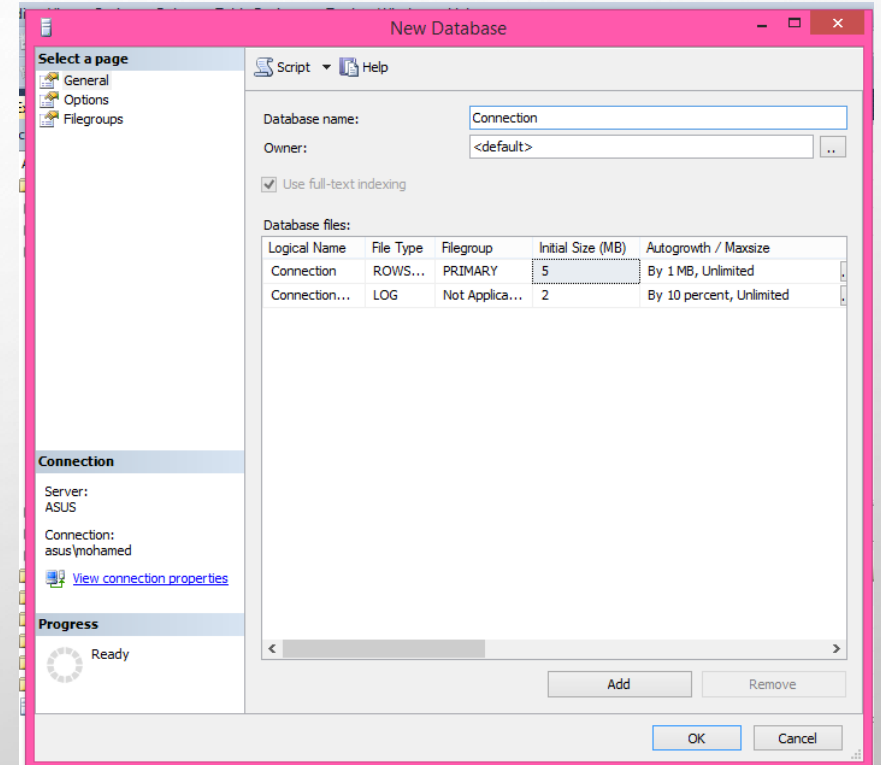
(<http://go.microsoft.com/fwlink/?LinkID=299578>).

Summary log file has been saved to the following location:
C:\Program Files\Microsoft SQL Server\120\Setup Bootstrap\Log\20181003_085546
[\Summary_CACS01L20G-03_20181003_085546.txt](Summary_CACS01L20G-03_20181003_085546.txt)

Close Help

STEPS:

- Open SQL
- Create New Database And Name It “Connection”
- Create Table , Add Two Columns (id integer and PK, name Varchar) save it with name “Test”.



STEPS:

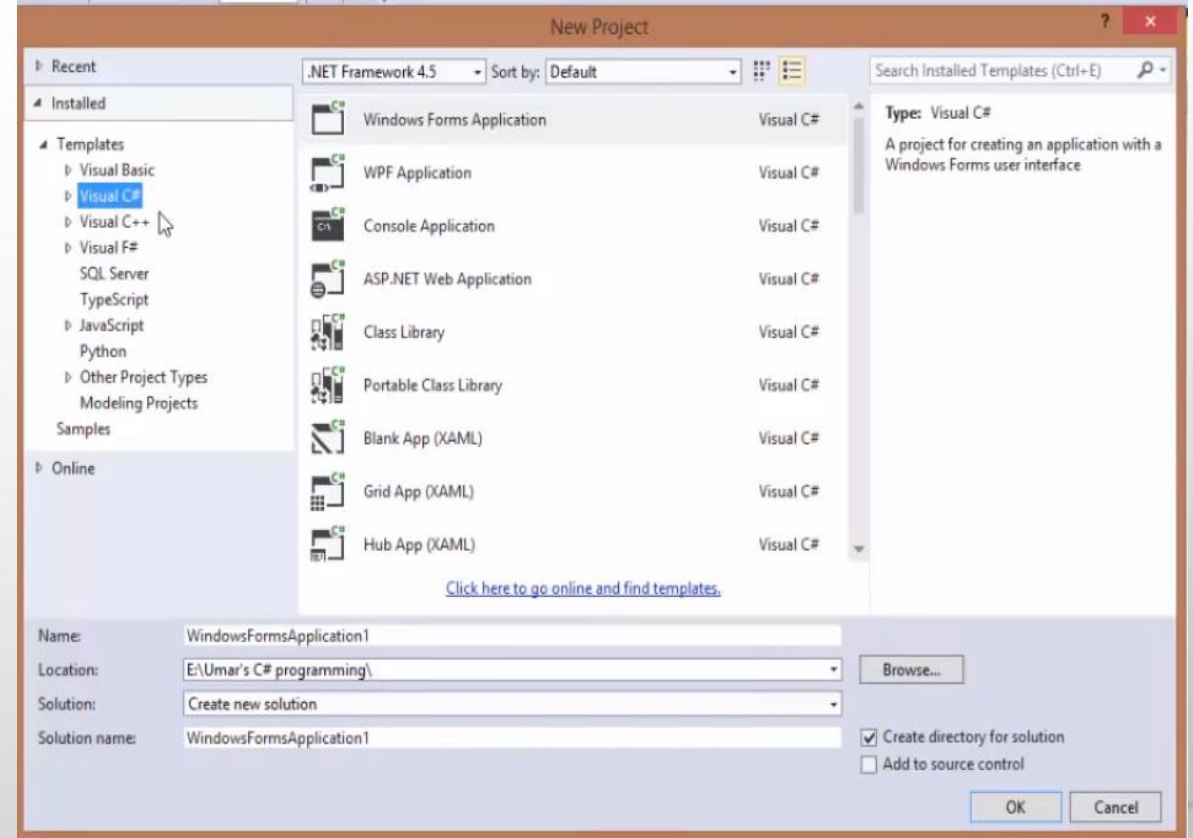
- Open Visual Studio and create new project.
- Add one tested button and tow labels refers to the database columns id and name, and 2 textboxes to show the result.

Form1

Id

Name

Test



STEPS:

- Add using statements.

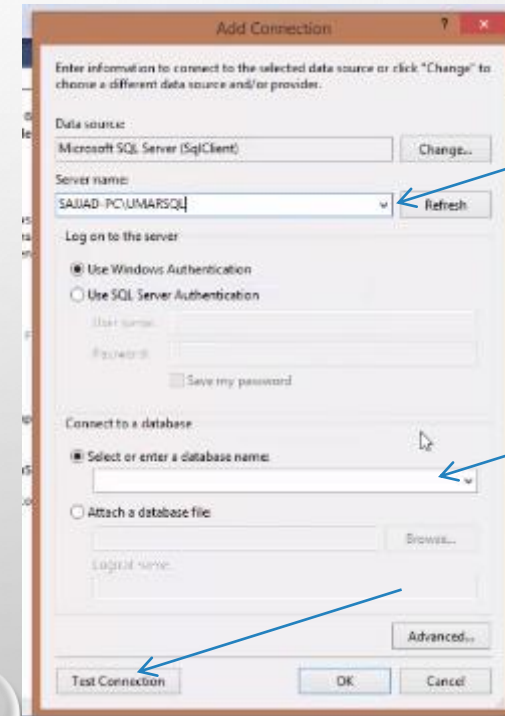
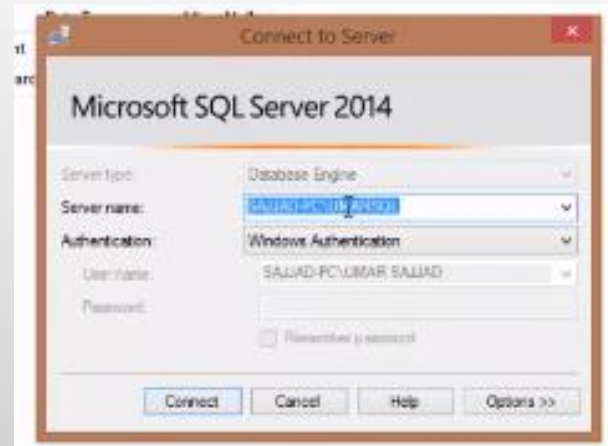
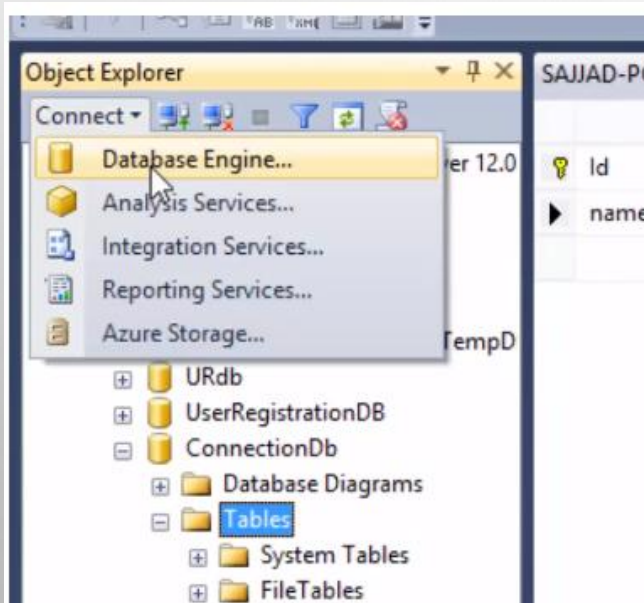
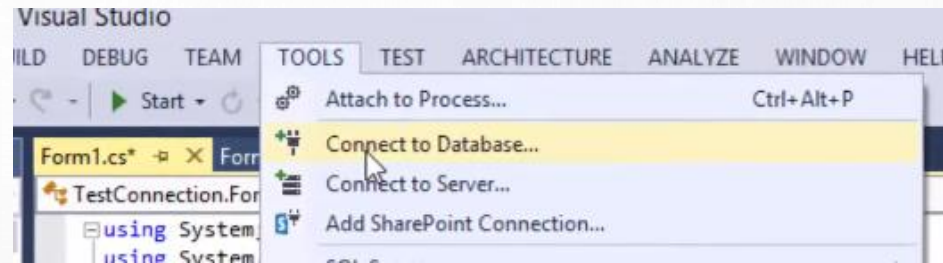
```
orm1.cs*  X Form1.cs [Design]*
TestConnection.Form1
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;
```

- Write connection string above the button code.

```
public string conString = "1";
private void button1_Click(object sender, EventArgs e)
{
```

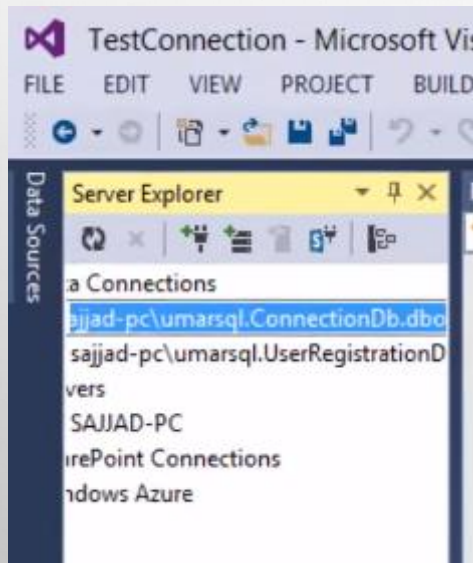

STEPS:

- Add connection from the tools menu bar.
- Get the server name from SQL as follow:

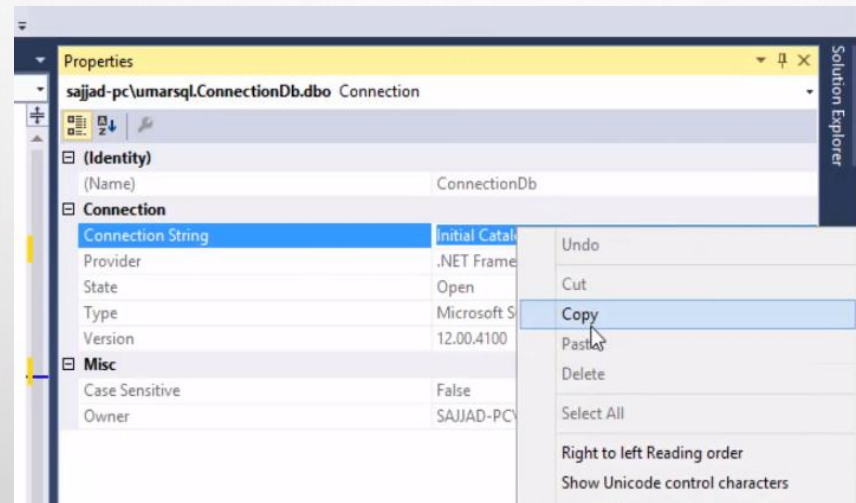


STEPS:

- After the successful of the connection add the string following:



Double click



Copy

```
public string conString = "Data Source=SAJJAD-PC\UMARSQL;In:  
1 reference  
private void button1_Click(object sender, EventArgs e)
```

Paste and add PC\\

STEPS:

- Now write the code:

```
public string conString = "Data Source=SAJJAD-PC\\UMARSQL;Initial Catalog=ConnectionDb;Integrated  
1 reference  
private void button1_Click(object sender, EventArgs e)  
{  
    SqlConnection con = new SqlConnection(conString);  
    con.Open();  
    if (con.State==System.Data.ConnectionState.Open)  
    {  
        string q = "insert into Test(id,name)values('"+txtID.Text.ToString()+"', '"+txtName.Text.To  
        SqlCommand cmd = new SqlCommand(q, con);  
        cmd.ExecuteNonQuery();  
        MessageBox.Show("Connection made Successfully..!");  
    }  
}
```

```
string q = "insert into Test(id,name)values('"+txtID.Text.ToString()+"', '"+txtName.tex|+'")";
```

- AppendText
- ResetText
- SelectedText

REFERENCE

- [HTTPS://WWW.YOUTUBE.COM/WATCH?V=V9R-GP3UNCE](https://www.youtube.com/watch?v=v9r-gp3unce)