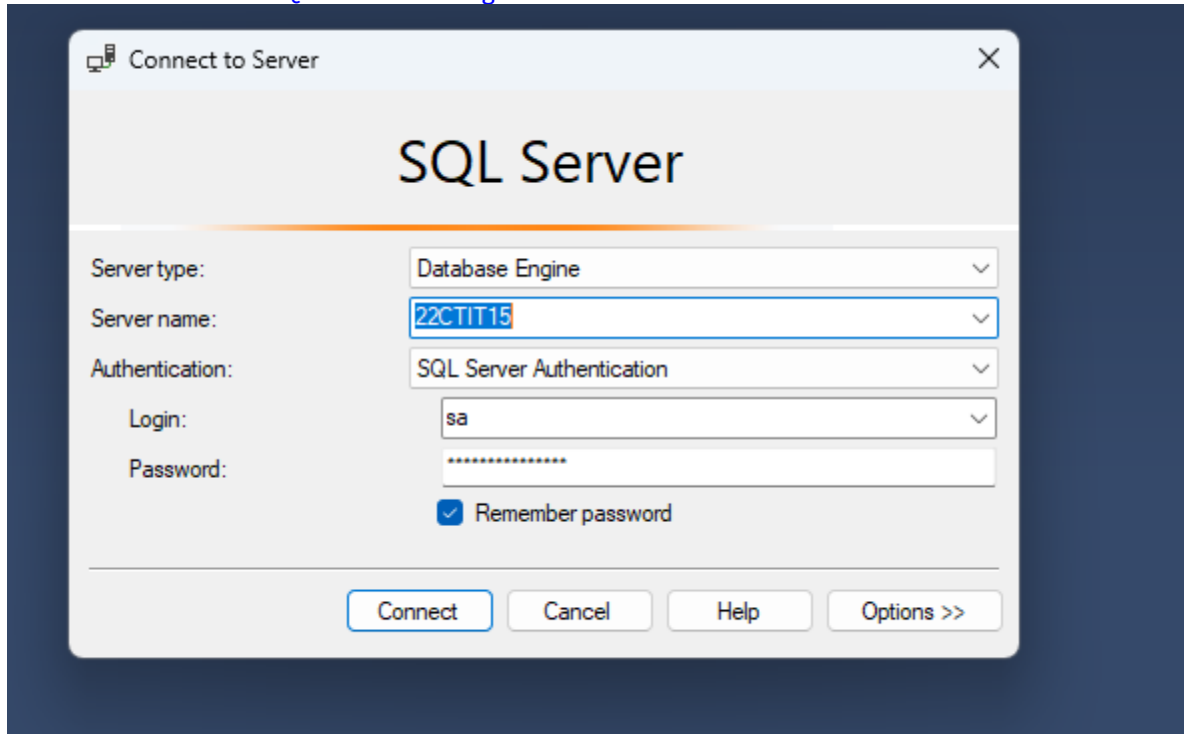


Login

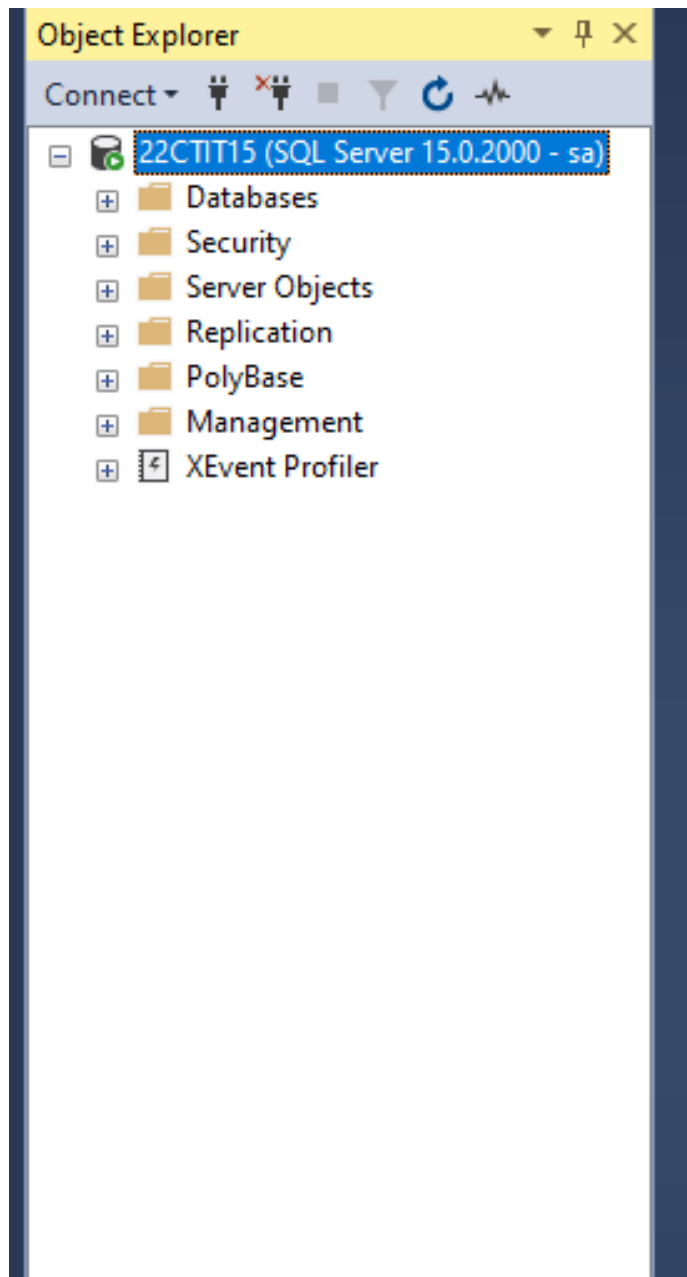
User Name : 22CTIT01\STUDENT (SysNo.)

Pwd : student

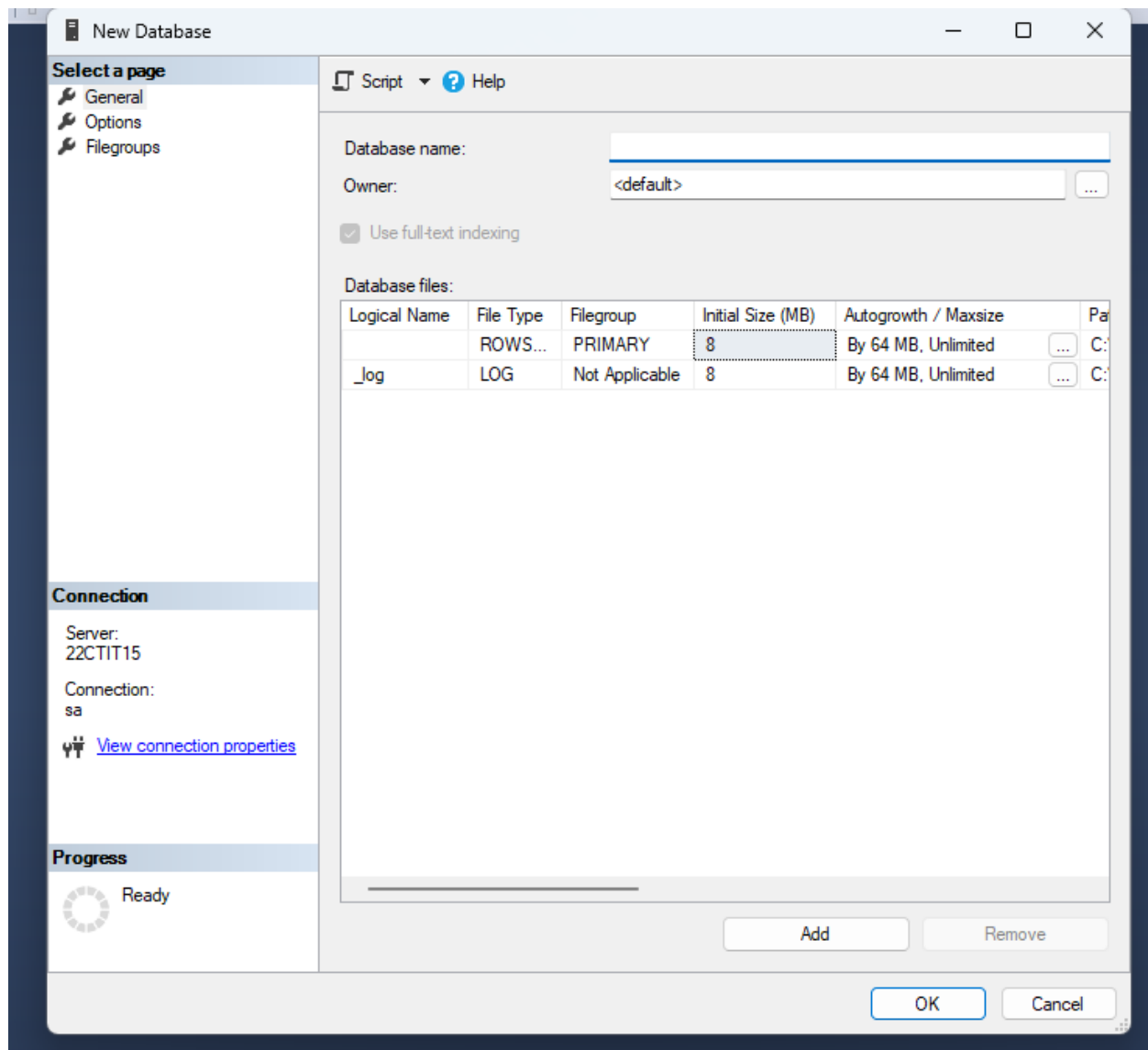
Search - Microsoft SQL Server Management Studio 2018



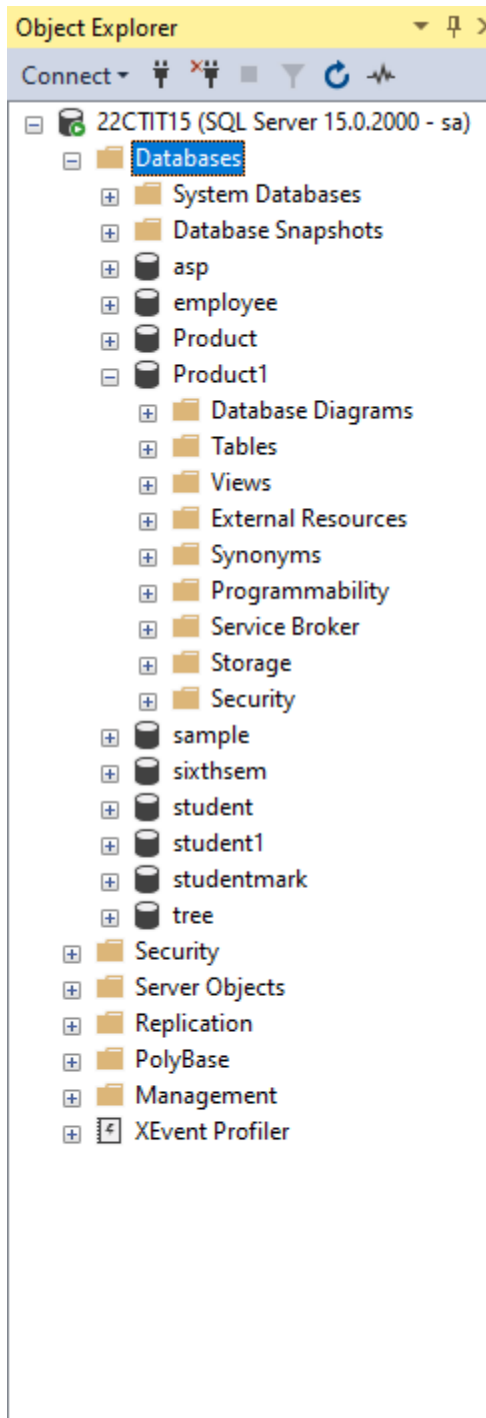
Password : sql - press connect button.



Right click database - New Database



Give database name as **product1** – press ok button
Click + symbol in database



Click product1 - right click table - select new table - create table **Prod1_det**

```
prod_code  varchar
Prod_name  varchar
Price      numeric
```

The screenshot shows a Windows application window titled "Form1". Inside the window, the text "PRODUCT DETAILS" is centered at the top in a blue, italicized font. Below this, there are three text input fields arranged vertically, each with a label to its left: "PRODUCT CODE", "PRODUCT NAME", and "PRICE". At the bottom of the form, there is a horizontal row of six buttons: "INSERT", "UPDATE", "SAVE", "DELETE", "CLEAR", and "EXIT". The window has standard Windows OS window controls (minimize, maximize, close) in the top right corner.

```
Imports System.Data
Imports System.Data.SqlClient
Module general
    Public conn As New SqlConnection
    Public cmd As New SqlCommand
    Public reader As SqlDataReader
    Public ds As New DataSet
    Public adapter As New SqlDataAdapter
    Public user, query As String
End Module

Public Class Form1
    Private Sub Form1_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        Button6.Visible = False
    End Sub

    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
        Try
            conn = New SqlConnection("Data Source=22CTIT15;Initial Catalog=product1;User
ID=sa;Password=sql")
            conn.Open()
            query = "insert into Prod1_det(prod_code,prod_name,price) values ('" &
TextBox1.Text & "', '" & TextBox2.Text & "', '" & TextBox3.Text & "')"
            cmd = New SqlCommand(query, conn)
            cmd.ExecuteNonQuery()
            MsgBox("one record is inserted")
            conn.Close()
        End Try
    End Sub
End Class
```

```

        TextBox1.Text = ""
        TextBox2.Text = ""
        TextBox3.Text = ""

    Catch ex As Exception
        MessageBox.Show(ex.Message.ToString())
    End Try

End Sub

Private Sub Button5_Click(sender As Object, e As EventArgs) Handles Button5.Click
    Me.Dispose()
End Sub

Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
    Try
        conn = New SqlConnection("Data Source=22CTIT15;Initial Catalog=product1;User
ID=sa;Password=sql")
        conn.Open()
        Dim y As String
        y = InputBox("Enter register number")
        Button6.Visible = True
        query = "select * from Prod1_det"
        cmd = New SqlCommand(query, conn)
        cmd.ExecuteNonQuery()
        reader = cmd.ExecuteReader()
        reader.Read()
        TextBox1.Text = reader.GetValue(0)
        TextBox2.Text = reader.GetValue(1)
        TextBox3.Text = reader.GetValue(2)
        reader.Close()
        conn.Close()
        Button6.Enabled = True
    Catch ex As Exception
        MessageBox.Show(ex.Message.ToString())
    End Try

End Sub

Private Sub Button6_Click(sender As Object, e As EventArgs) Handles Button6.Click
    Try
        conn = New SqlConnection("Data Source=22CTIT15;Initial Catalog=product1;User
ID=sa;Password=sql")
        conn.Open()
        query = "update Prod1_det set prod_code='" & TextBox1.Text & "' ,
prod_name='" & TextBox2.Text & "', price='" & TextBox3.Text & "' where prod_code= '" &
TextBox1.Text & "'"
        cmd = New SqlCommand(query, conn)
        cmd.ExecuteNonQuery()
        conn.Close()
        TextBox1.Text = ""
        TextBox2.Text = ""
        TextBox3.Text = ""
        MsgBox("Record Altered")
        Button6.Enabled = False

    Catch ex As Exception

```

```

        MessageBox.Show(ex.Message.ToString())
    End Try
End Sub

Private Sub Button3_Click(sender As Object, e As EventArgs) Handles Button3.Click
    Try
        conn = New SqlConnection("Data Source=22CTIT15;Initial Catalog=product1;User
ID=sa;Password=sql")
        conn.Open()
        Dim y As String
        y = InputBox("Enter register number to be delete")
        query = "delete from Prod1_det where prod_code='" & y & "'"
        cmd = New SqlCommand(query, conn)
        cmd.ExecuteNonQuery()
        MsgBox("one record deleted")
        conn.Close()
        TextBox1.Text = ""
        TextBox2.Text = ""
        TextBox3.Text = ""

    Catch ex As Exception
        MessageBox.Show(ex.Message.ToString())
    End Try
End Sub

Private Sub Button4_Click(sender As Object, e As EventArgs) Handles Button4.Click
    TextBox1.Text = ""
    TextBox2.Text = ""
    TextBox3.Text = ""
End Sub
End Class

```