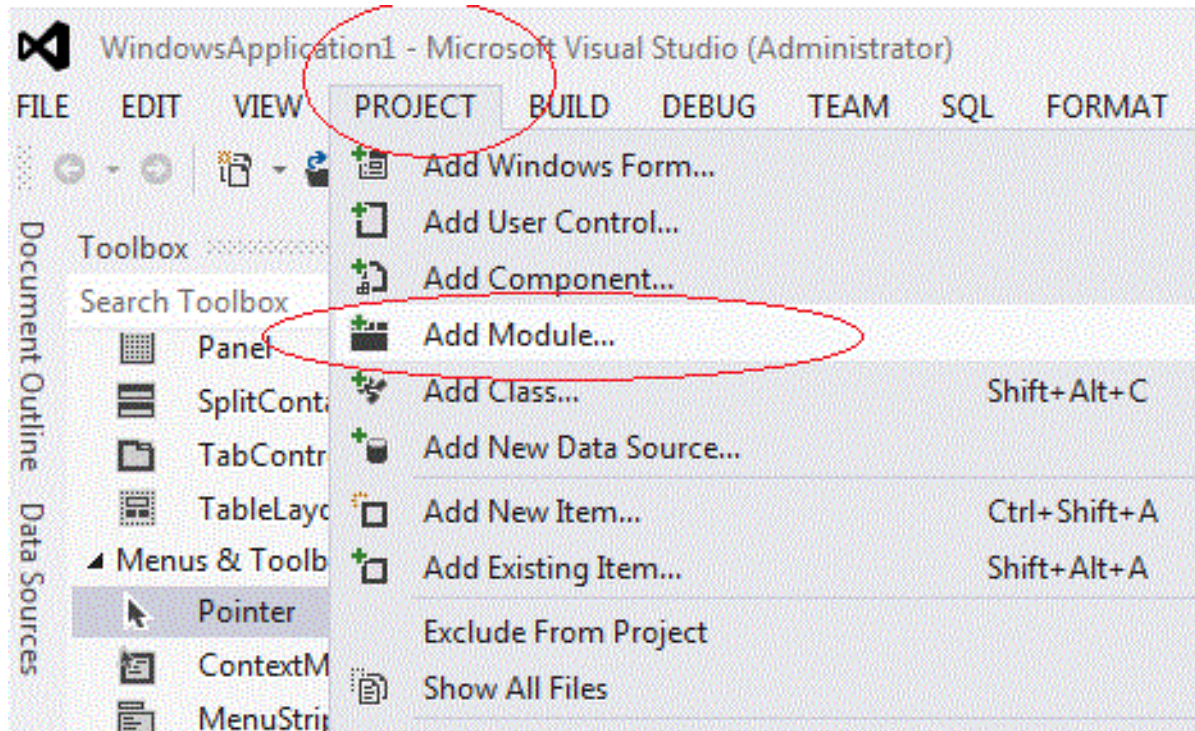


إنشاء التقارير داخل قاعدة بيانات

- 1- إنشاء **Module** الذي يوضع بداخله اكواد البرامج و الاعلان عن مصدر بيانات القاعدة و الجداول
- 2- إنشاء الواجهة الاساسية التي بها بيانات قاعدة البيانات
- 3- إنشاء الواجهة الثانية التي تحمل اداة التقارير **CrystalReportViewer1**
- 4- تحميل الاداة **CrystalReportViewer1** على الواجهة الجديدة
- 5- إنشاء **Crystal Report** و تفعيلها مع قاعدة البيانات
- 6- ربط **Crystal Report** مع البرامج باستخدام الاكواد الموجودة داخل **Module**
- 7- اجراء التجربة لتشغيل البرامج

إنشاء Module

من قائمة **Project** اختار **Add Module**



```
Imports System.Data
Imports System.Data.OleDb

Module Module1
    Dim constring As String = "provider=Microsoft.Jet.oledb.4.0; Data source=" & Application.StartupPath & "\pri.mdb"
    Dim connect_microsoft As New OleDbConnection(constring)
    Public Tb As New DataTable
    Public Report As New CrystalReport1
    Public Sub contable_loder()
        Tb.Clear()
        Dim comand_load As New OleDbCommand("select * from empl ", connect_microsoft)
        connect_microsoft.Open()
        Tb.Load(comand_load.ExecuteReader)
        Form1.DataGridView1.DataSource = Tb
        connect_microsoft.Close()
    End Sub

    Public Sub conview_loder()
        Form1.TextBox1.Text = Form1.DataGridView1.CurrentRow.Cells(0).Value
        Form1.TextBox2.Text = Form1.DataGridView1.CurrentRow.Cells(1).Value
        Form1.TextBox3.Text = Form1.DataGridView1.CurrentRow.Cells(2).Value
        Form1.TextBox4.Text = Form1.DataGridView1.CurrentRow.Cells(3).Value
        Form1.TextBox5.Text = Form1.DataGridView1.CurrentRow.Cells(4).Value
        Form1.TextBox6.Text = Form1.DataGridView1.CurrentRow.Cells(5).Value
        Form1.TextBox7.Text = Form1.DataGridView1.CurrentRow.Cells(6).Value
    End Sub

    Public Sub butomreport()
        Dim Report As New CrystalReport1
        Report.SetDataSource(Tb)
        Form2.CrystalReportViewer1.ReportSource = Report
        Form2.CrystalReportViewer1.Zoom(100%)
        Form2.CrystalReportViewer1.Refresh()
        Form2.Show()
    End Sub

    Public Sub viewdata()
        Form1.DataGridView1.Columns("code").HeaderText = "القومي"
        Form1.DataGridView1.Columns("nameaccount").HeaderText = "المودع"
        Form1.DataGridView1.Columns("nameto").HeaderText = "حاملة"
        Form1.DataGridView1.Columns("bankname").HeaderText = "البنك اسم"
        Form1.DataGridView1.Columns("numteket").HeaderText = "الحساب"
        Form1.DataGridView1.Columns("value").HeaderText = "المبلغ"
        Form1.DataGridView1.Columns("note").HeaderText = "المقسط المبلغ"

        Form1.DataGridView1.Columns(0).Width = 65
        Form1.DataGridView1.Columns(1).Width = 150
        Form1.DataGridView1.Columns(2).Width = 150
        Form1.DataGridView1.Columns(3).Width = 100
        Form1.DataGridView1.Columns(4).Width = 70
        Form1.DataGridView1.Columns(5).Width = 70
        Form1.DataGridView1.Columns(6).Width = 130
    End Sub
End Module
```

انشاء الواجهة الاساسية التي بها بيانات قاعدة البيانات

Datagridview1

قيد النقدية بالصندوق

العمليات

بيانات دفع بارقام الحساب للبنوك و عمليات التسجيل

التالى	الاول	الرقم القومى	اسم البنك
السابق	الاخير	اسم صاحب الحساب	رقم الشيك
اضافة	يحت	اسم حامل الشيك	المبلغ
تعديل	حذف	التفقيط	
طباعة الكل	طباعة		
خروج	تعيل		

CrystalReportViewer1 انشاء الواجهة الثانية التي تحمل اداة التقارير

The image shows a screenshot of the Visual Studio IDE. On the left, the 'Toolbox' is open, displaying a search bar and a list of controls. The 'CrystalReportViewer' control is highlighted in blue. A tooltip for this control is visible, showing 'CrystalReportViewer Version 13.0.2000.0 from SAP BusinessObjects .NET Component'. The main design area shows a form titled 'Form2' with a toolbar at the top and a large empty rectangular area for the report viewer. At the bottom of the form, there are three labels: 'Current Page No.', 'Total Page No.', and 'Zoom Factor: 100%'. The top of the IDE shows the title bar with the text 'CrystalReportViewer1' and the subtitle 'انشاء الواجهة الثانية التي تحمل اداة التقارير'. The window title bar also shows several open files: 'Form2.vb [Design]*', 'Module1.vb', 'Form1.vb*', and 'Form1.vb [Design]*'.

Toolbox

Search Toolbox

- Panel
- SplitContainer
- TabControl
- TableLayoutPanel
- Menus & Toolbars
 - Pointer
 - ContextMenuStrip
 - MenuStrip
 - StatusStrip
 - ToolStrip
 - ToolStripContainer
- Data
- Components
- Printing
- Dialogs
- Reporting
 - Pointer
 - ReportViewer
 - CrystalReportViewer**
 - CrystalReportDocument
- WPF Interoperability
- Visual Basic PowerPacks
- General

CrystalReportViewer
Version 13.0.2000.0 from SAP BusinessObjects
.NET Component

Form2

Current Page No.: Total Page No.: Zoom Factor: 100%

انشاء Crystal Report و تفعيلها مع قاعدة البيانات

The image shows a screenshot of the Visual Studio IDE. On the left, the 'PROJECT' menu is open, and the 'Add New Item...' option is highlighted with a green box. The keyboard shortcut 'Ctrl+Shift+A' is shown next to it. An orange box highlights the comma key on the keyboard. On the right, the 'Add New Item - tes' dialog box is open, showing a tree view of installed items. The 'Reporting' category is expanded, and 'Crystal Reports' is selected and highlighted in blue. An orange box highlights the number '٢' (2) in the tree view next to the 'Reporting' category.

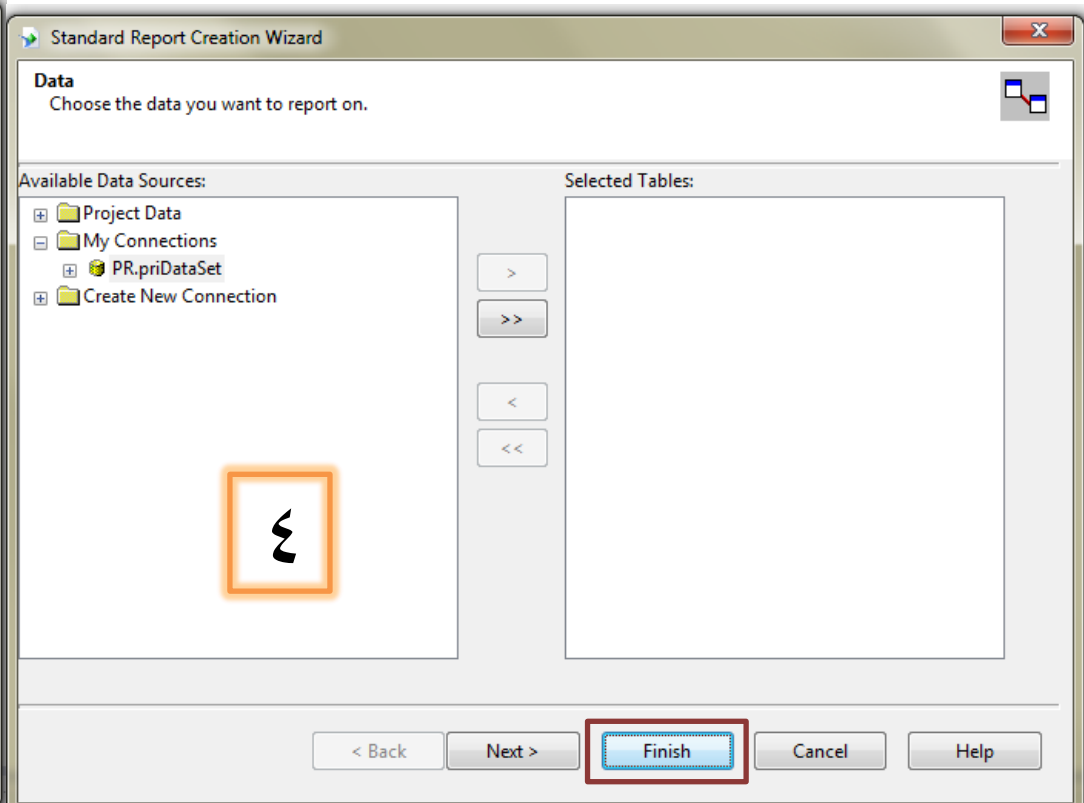
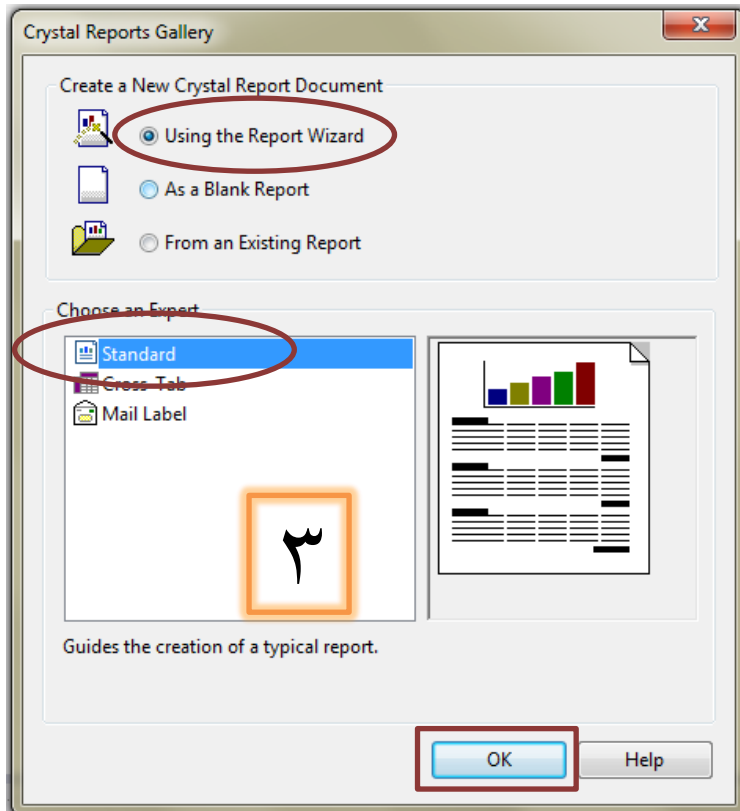
PROJECT BUILD DEBUG TEAM SQL FORMAT

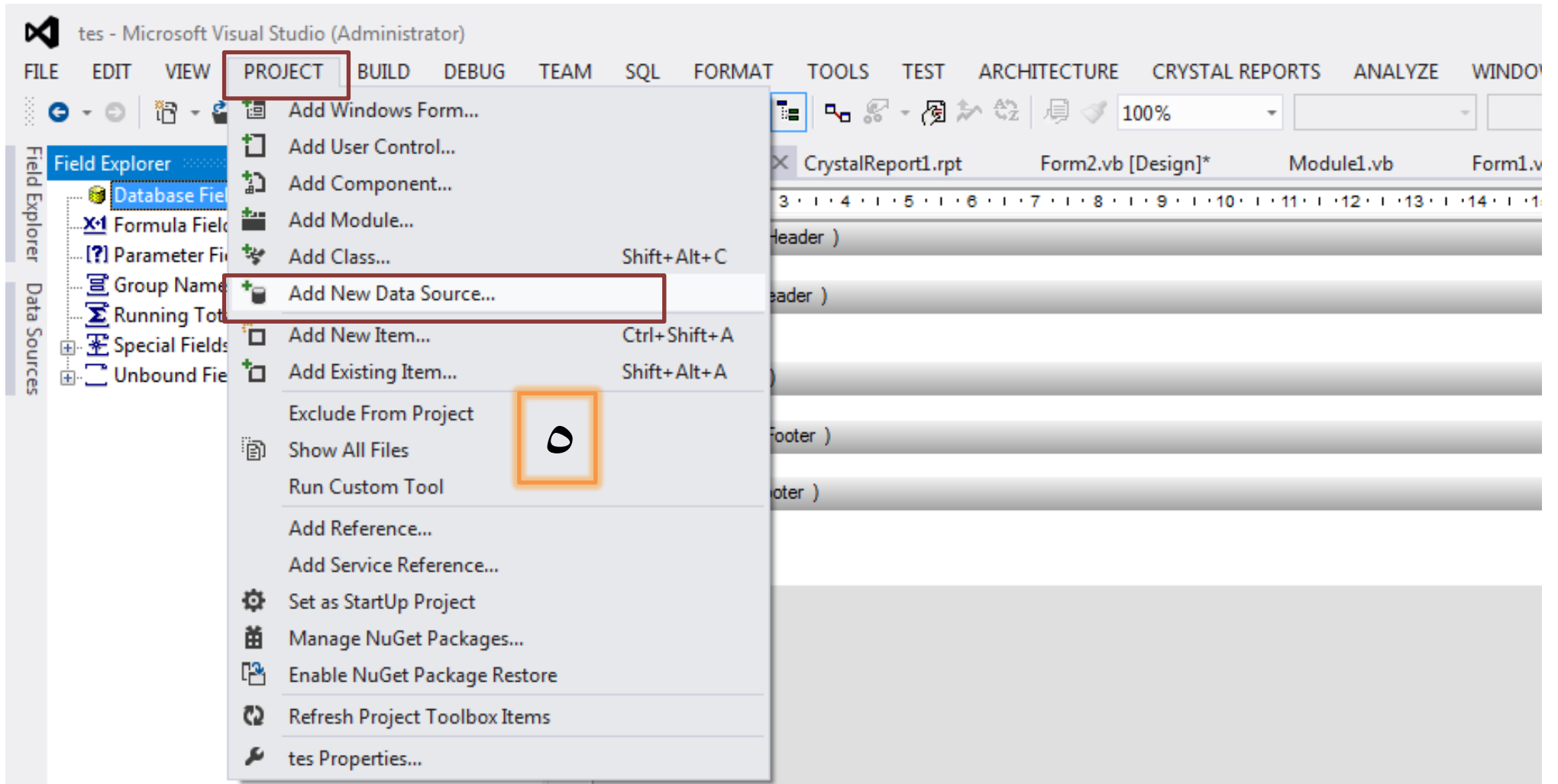
- Add Windows Form...
- Add User Control...
- Add Component...
- Add Module...
- Add Class... Shift+Alt+C
- Add New Data Source...
- Add New Item... Ctrl+Shift+A**
- Add Existing Item... Shift+Alt+A
- Exclude From Project
- Show All Files
- Add Reference...
- Add Service Reference...
- Set as StartUp Project
- Manage NuGet Packages...
- Enable NuGet Package Restore
- Refresh Project Toolbox Items
- tes Properties...

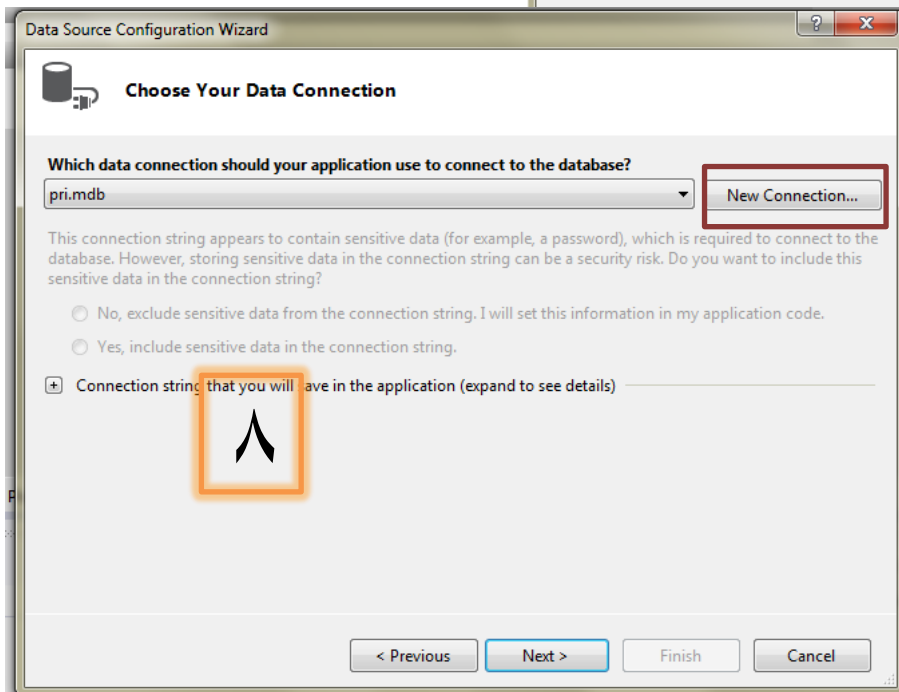
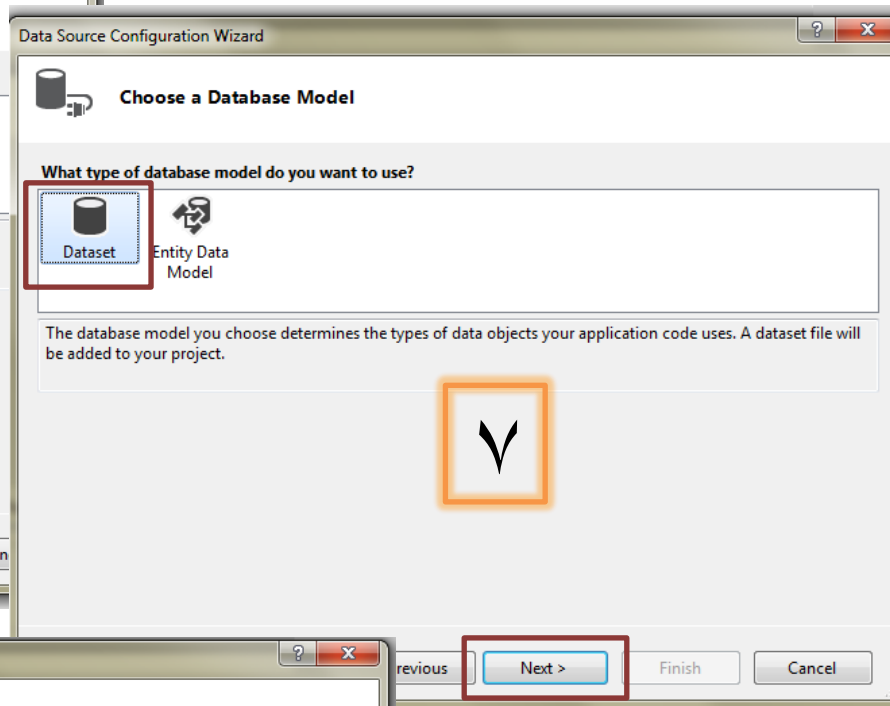
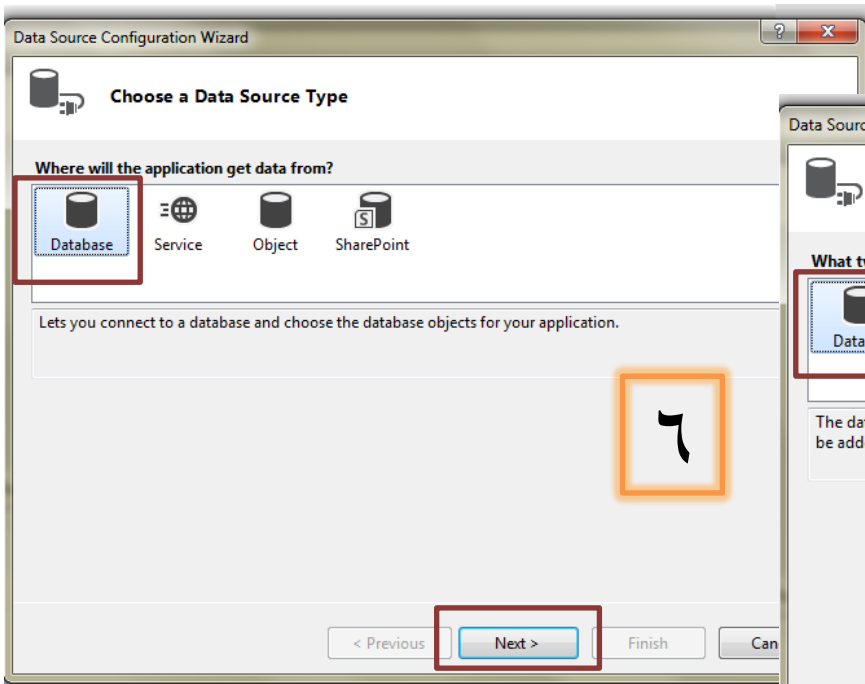
Add New Item - tes

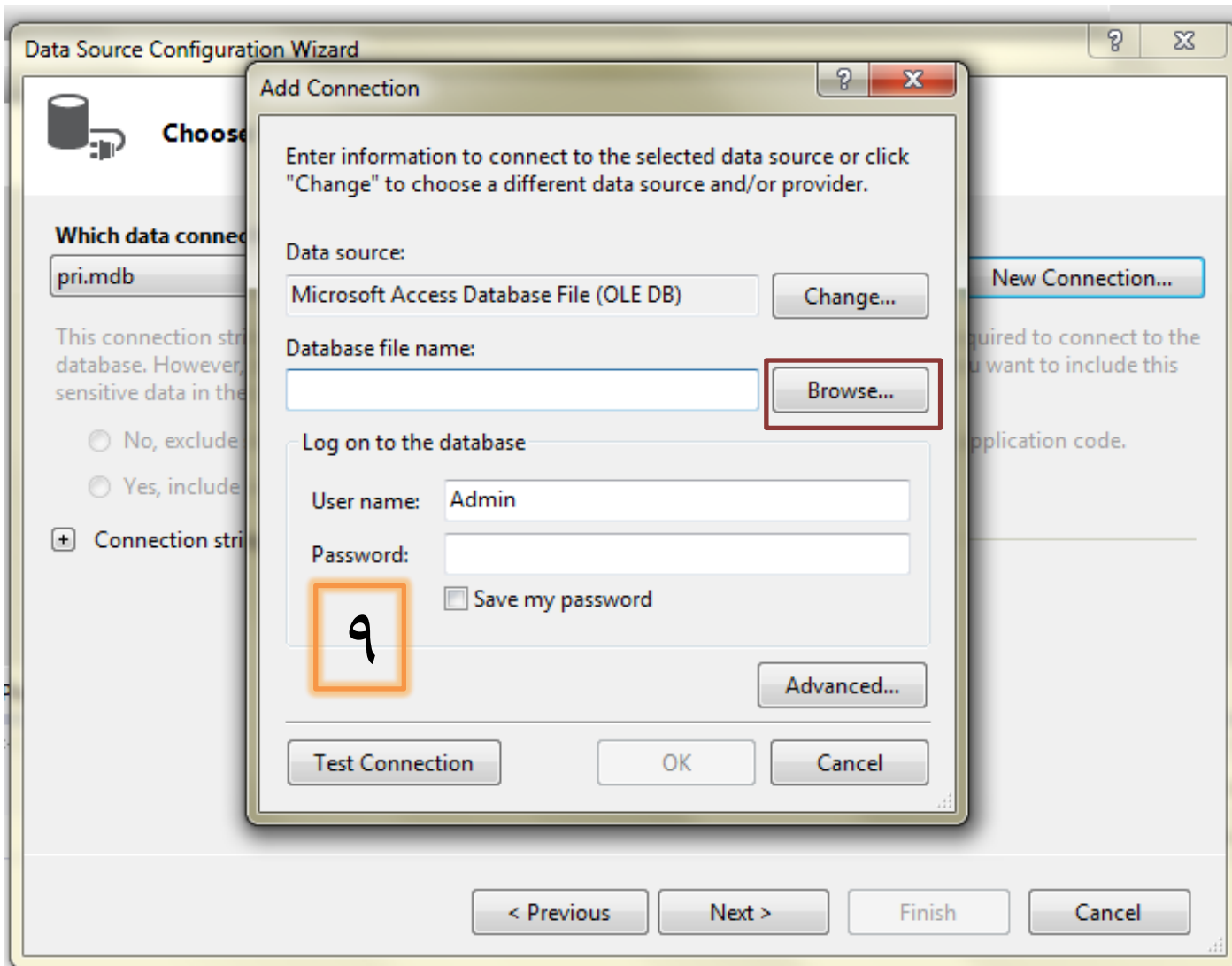
Sort by: Default

- Installed
 - Common Items
 - Code
 - Data
 - General
 - Web
 - Windows Forms
 - Reporting
 - Workflow
 - WPF
 - Graphics
 - Online
- Application Manifest File Common Items
- Authentication Domain Service Common Items
- Class Diagram Common Items
- Code File Common Items
- COM Class Common Items
- Crystal Reports Common Items**
- Custom Control Common Items
- DataSet Common Items









CrystalReport2.rpt* CrystalReport1.rpt Form2.vb [Design]* Module1.vb Form1.vb* Form1.vb [Design]*

Section1 (Report Header)
Section2 (Page Header)
Print Date
Section3 (Details)
Section4 (Report Footer)
Section5 (Page Footer)
Page Number

Group. Drag an object from the toolbox.

Data Source Configuration Wizard

Add Connection

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

Select Microsoft Access Database File

WindowsApplication1 tes

tes

File folder

2015/02/12 ص 12:12

Show the preview pane.

Select Microsoft Access Database File

tes bin Debug

lesson 14 pri

File name: pri Microsoft Access Databases (*.accdb)

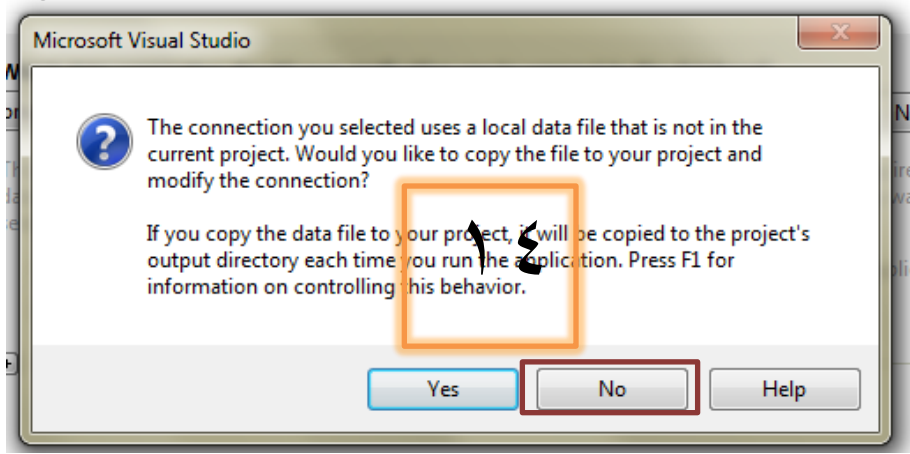
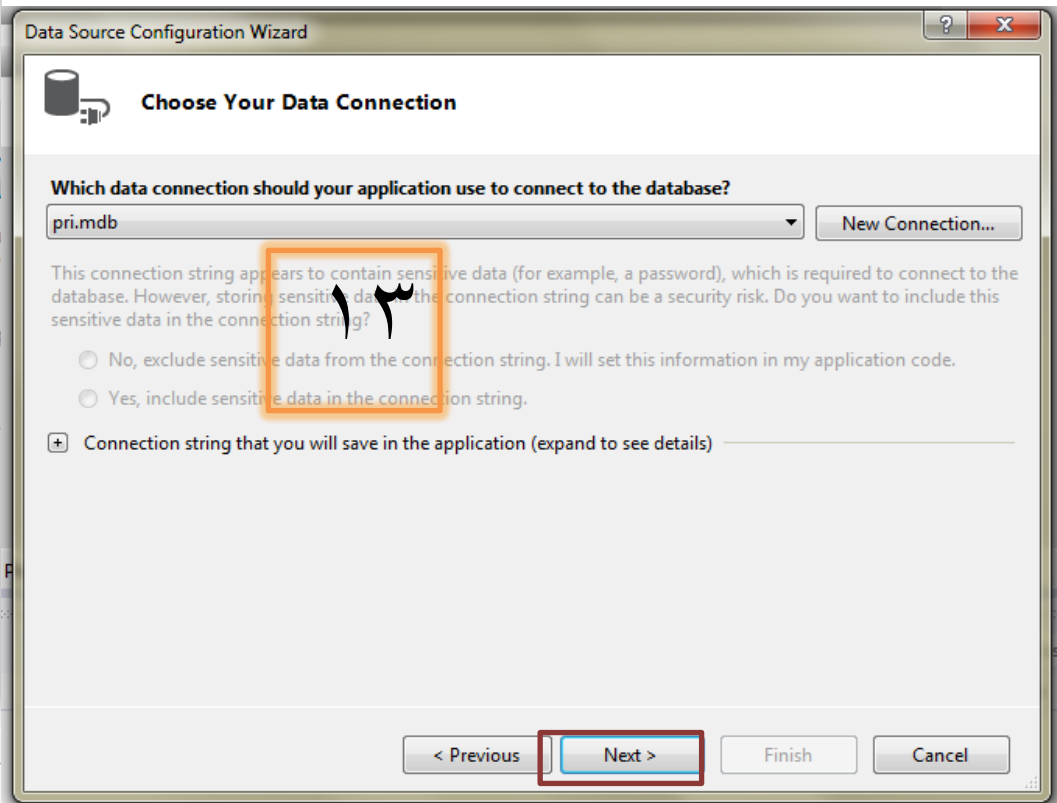
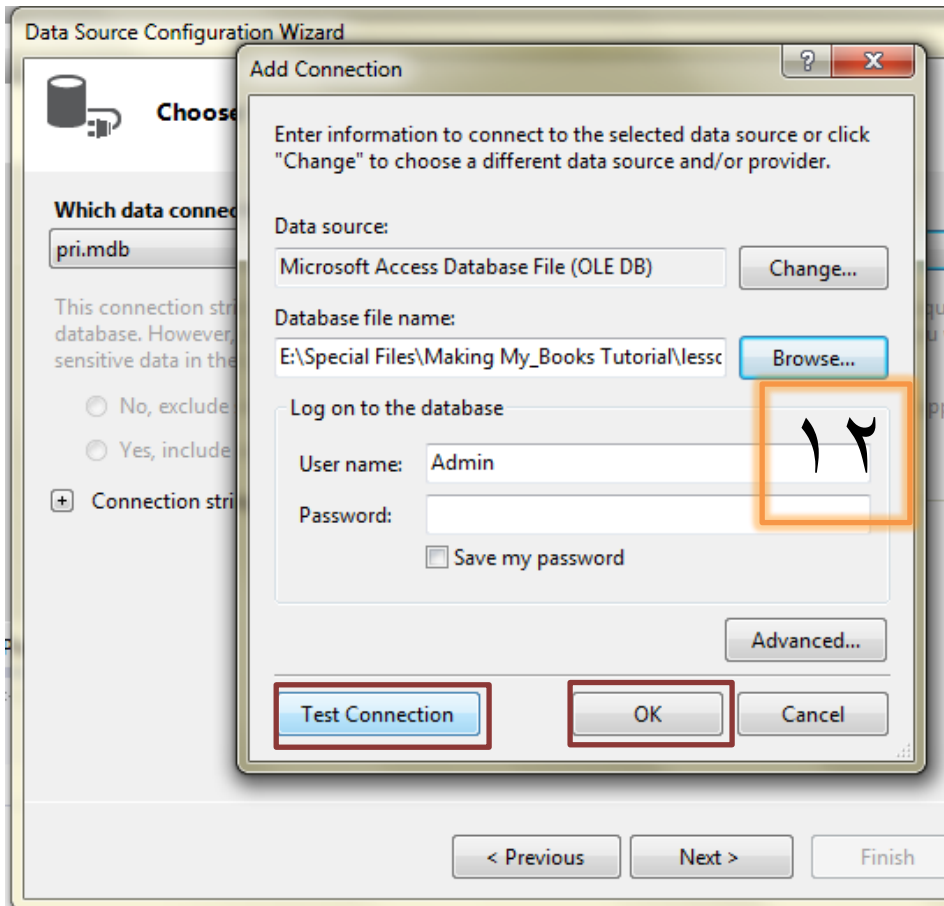
Open Cancel

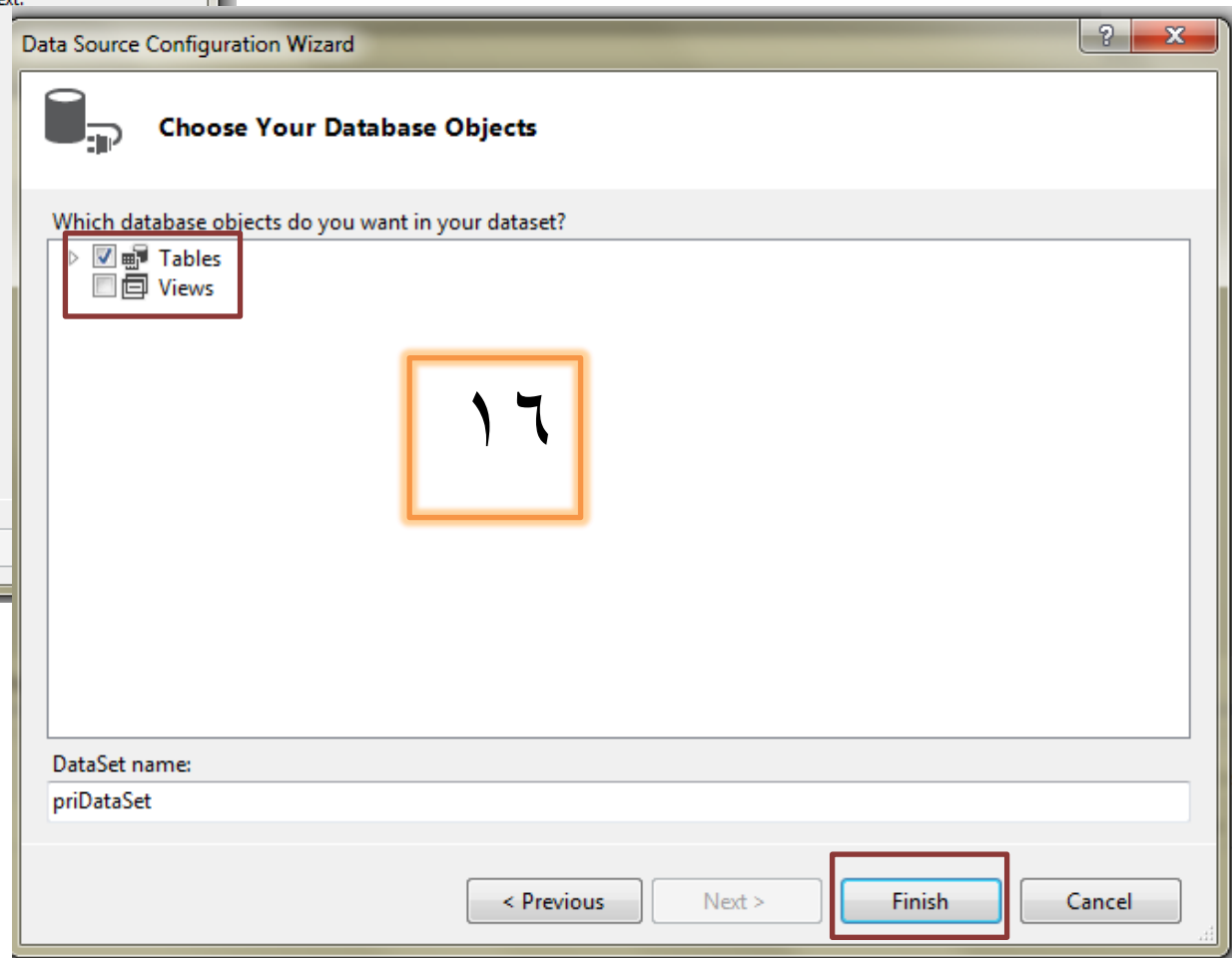
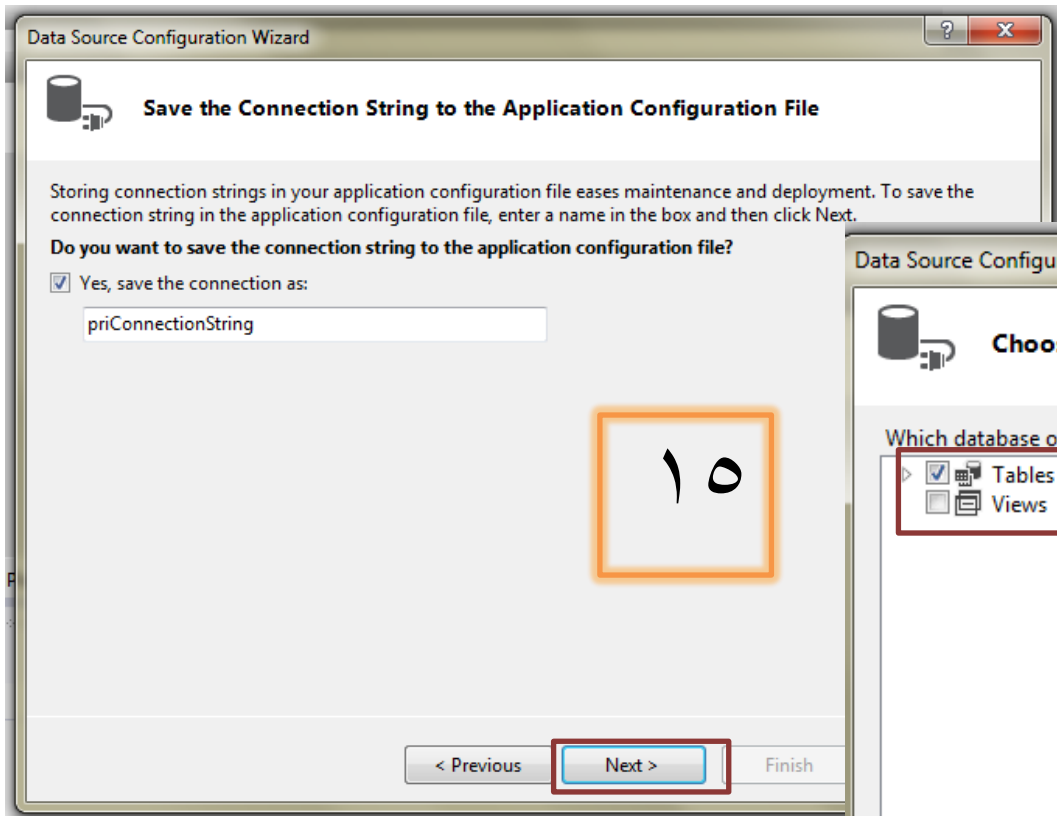
Change... Browse... Advanced... OK Cancel

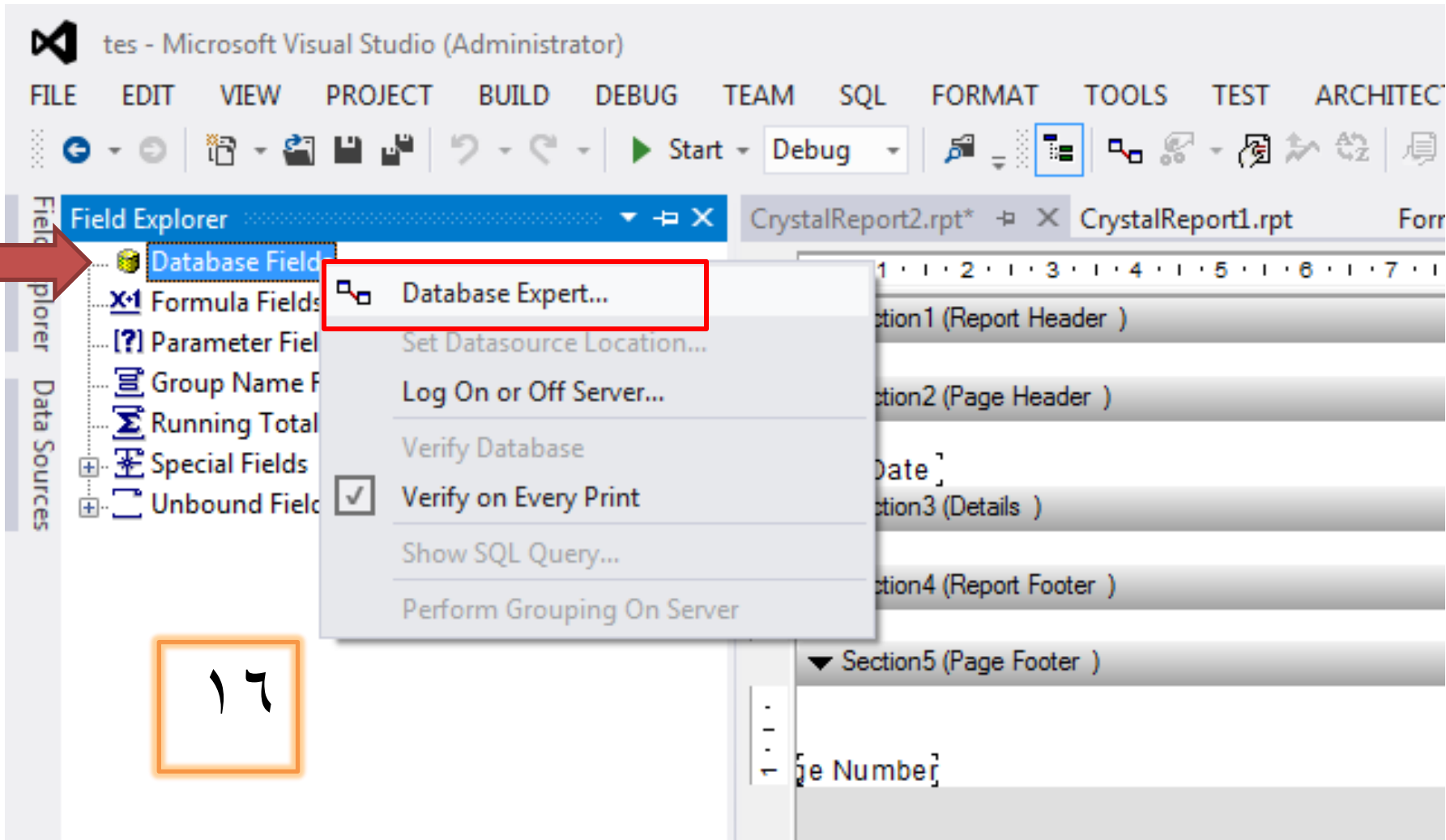
New Connection...
Required to connect to the data source you want to include this connection in the application code.

Next > Finish Cancel

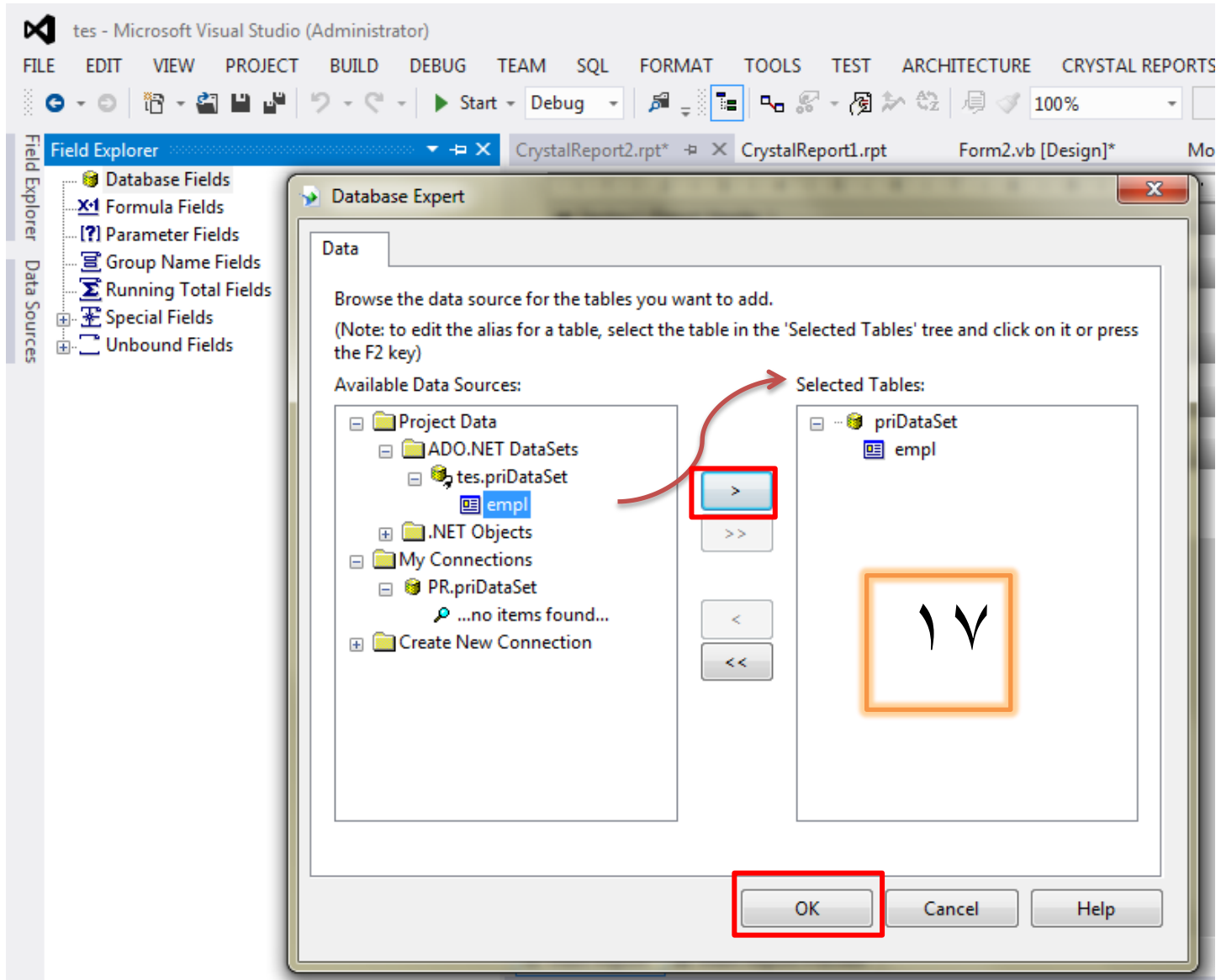
The image shows a complex interface with multiple overlapping windows. At the top, a tabbed window displays a Crystal Report design with sections like 'Section1 (Report Header)', 'Section2 (Page Header)', 'Print Date', 'Section3 (Details)', 'Section4 (Report Footer)', and 'Section5 (Page Footer)'. Below this, the 'Data Source Configuration Wizard' is open, showing the 'Add Connection' step. A 'Select Microsoft Access Database File' dialog is also open, showing a file explorer view of a project folder named 'tes'. Within this folder, a sub-folder 'bin' is visible, containing a file named 'pri'. A tooltip 'Show the preview pane.' is visible over the file explorer. Another 'Select Microsoft Access Database File' dialog is shown in a smaller, inset view, also highlighting the 'pri' file. The bottom of the wizard shows 'Next >', 'Finish', and 'Cancel' buttons. On the right side, there are buttons for 'Change...', 'Browse...', 'Advanced...', 'OK', and 'Cancel', along with a 'New Connection...' button and some descriptive text.







16



Field Explorer

- Database Fields
 - empl
 - code
 - nameaccount
 - nameto
 - bankname
 - numtekot
 - value
 - note
- Formula Fields
- Parameter Fields
- Group Name Fields
- Running Total Fields
- Special Fields
- Unbound Fields

CrystalReport2.rpt* CrystalReport1.rpt Form2.vb [Design]* Module1.vb Form1.vb*

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Section1 (Report Header)

Section2 (Page Header)

Print Date] nameaccount] [code]


Section3 (Details)

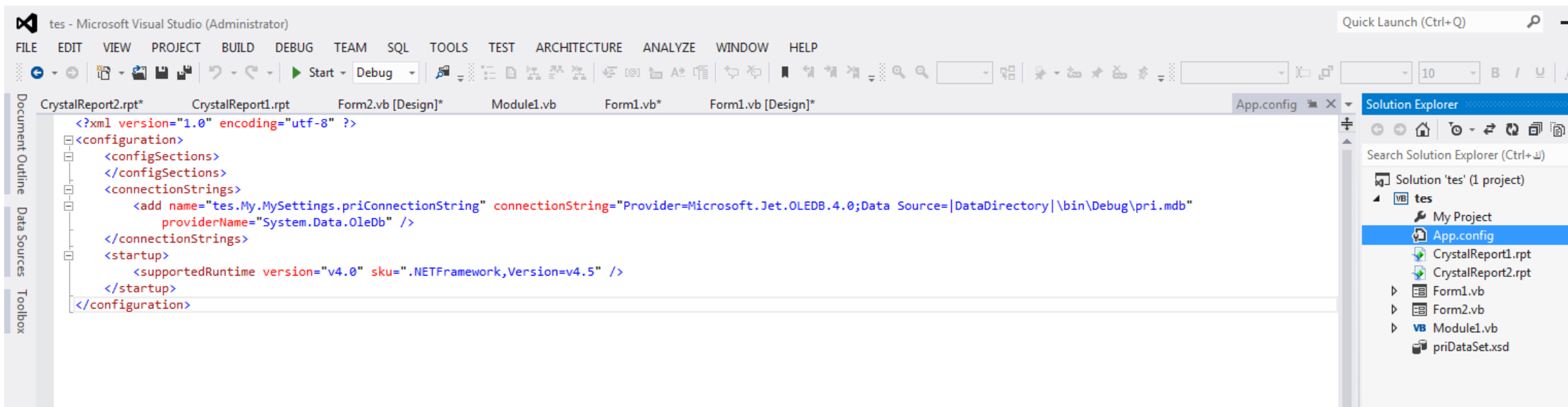
nameaccount] [code

Section4 (Report Footer)

Section5 (Page Footer)

Page Number]





ثم بتغير هذا الكود الى هذا الكود

```
<?xml version="1.0" encoding="utf-8" ?>
<configuration>
  <configSections>
  </configSections>
  <connectionStrings>
    <add name="PR.My.MySettings.priConnectionString"
      connectionString="Provider=Microsoft.Jet.OLEDB.4.0;Data Source=|DataDirectory|\bin\Debug\pri.mdb"
      providerName="System.Data.OleDb" />
  </connectionStrings>
  <startup useLegacyV2RuntimeActivationPolicy="true">
    <supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.0"/>
  </startup>
</configuration>
```


داخل الواجهه الاولى

```
Public Class Form1

    Private Sub Button12_Click(sender As Object, e As EventArgs) Handles Button12.Click
        contable_loder()
        viewdata()
    End Sub

    Private Sub DataGridView1_CellContentClick(sender As Object, e As DataGridViewCellEventArgs) Handles
DataGridView1.CellContentClick
        conview_loder()
    End Sub

    Private Sub Button11_Click(sender As Object, e As EventArgs) Handles Button11.Click
        butomreport()
    End Sub

    Private Sub Form1_Load(sender As Object, e As EventArgs) Handles MyBase.Load

    End Sub
End Class
```

داخل الواجهه الثانية

ليس هناك اي كود فهتي يحمل اداة عرض التقارير