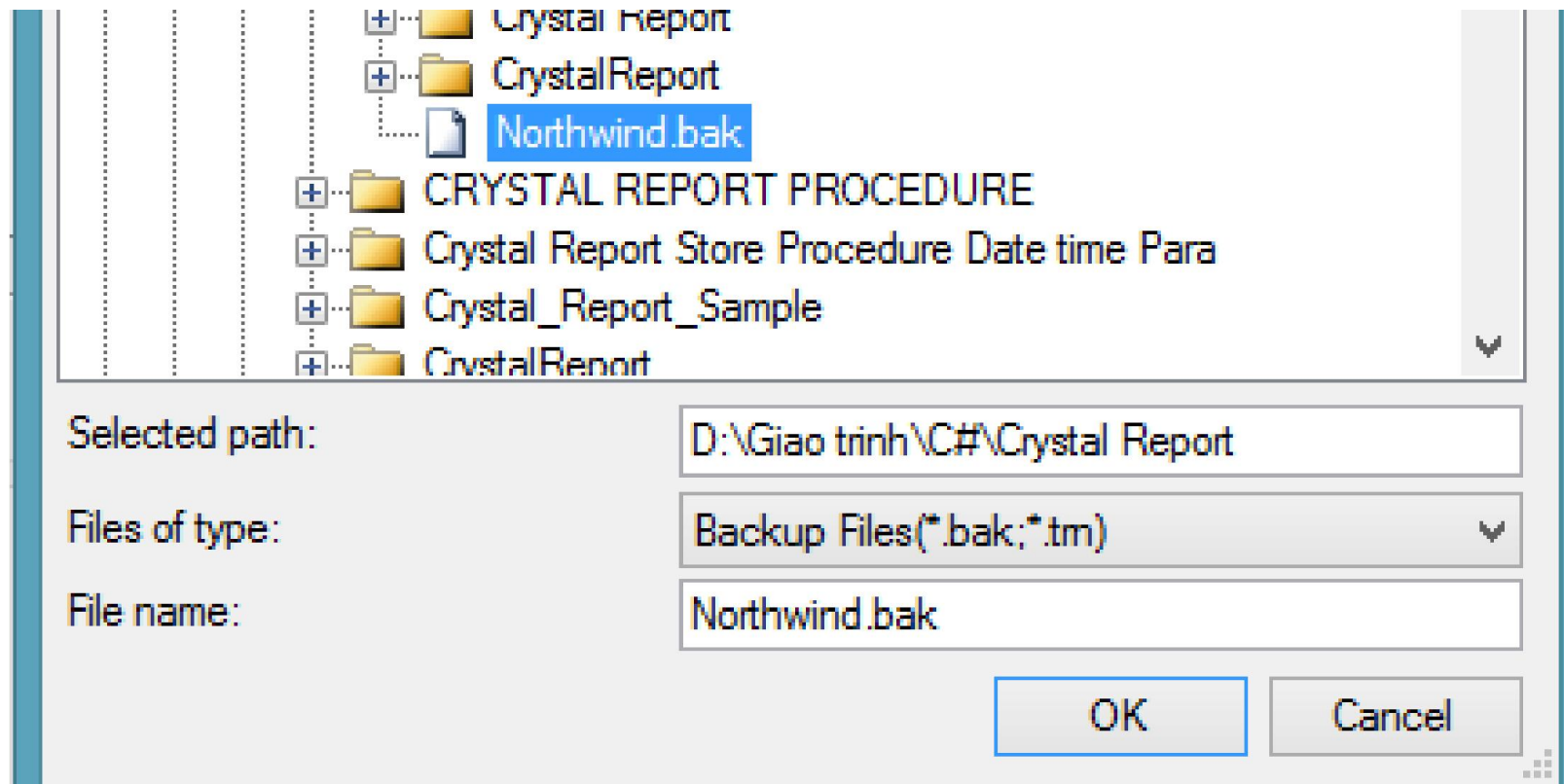


Crystal Report

1. Tạo nguồn dữ liệu

► Tạo dữ liệu(Northwind.bak)



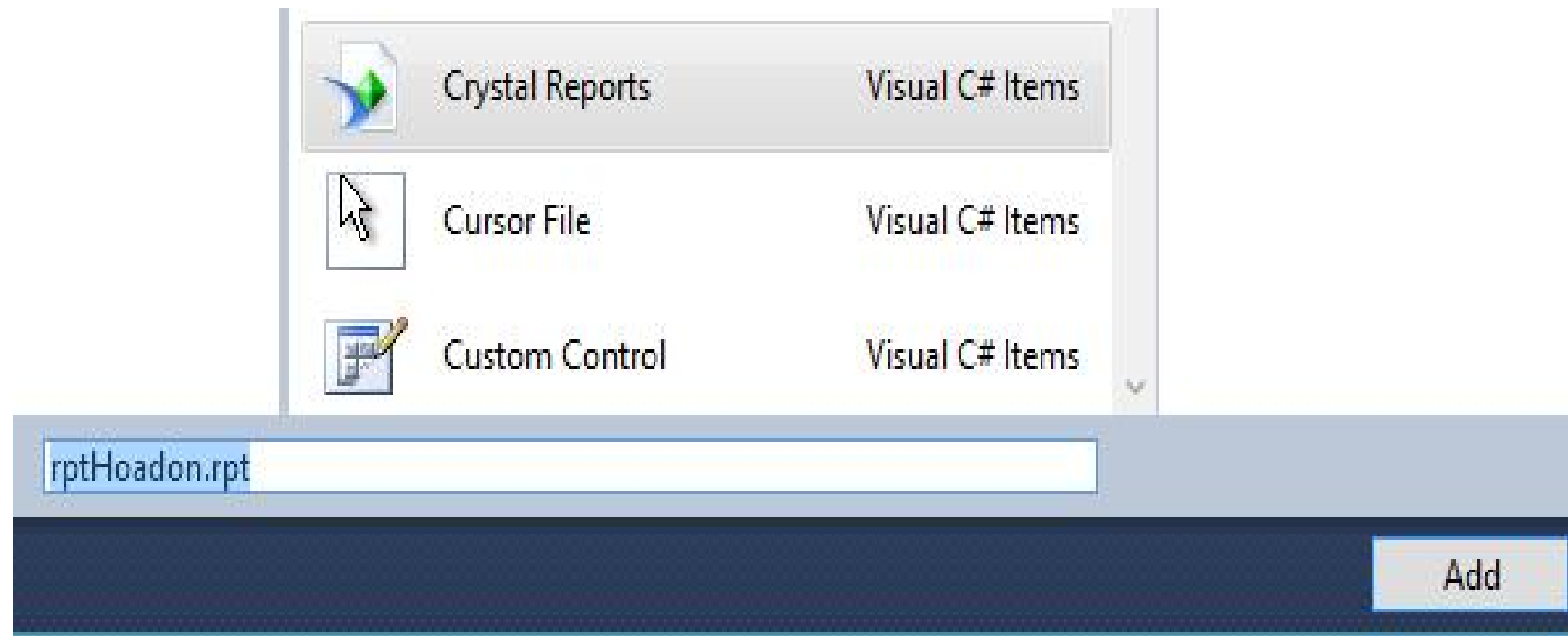
Restore options

- ☒ Overwrite the existing database (WITH REPLACE)
- ☒ Preserve the replication settings (WITH KEEP_REPLICATION)
- ☒ Prompt before restoring each backup
- ☒ Restrict access to the restored database (WITH RESTRICTED_USER)

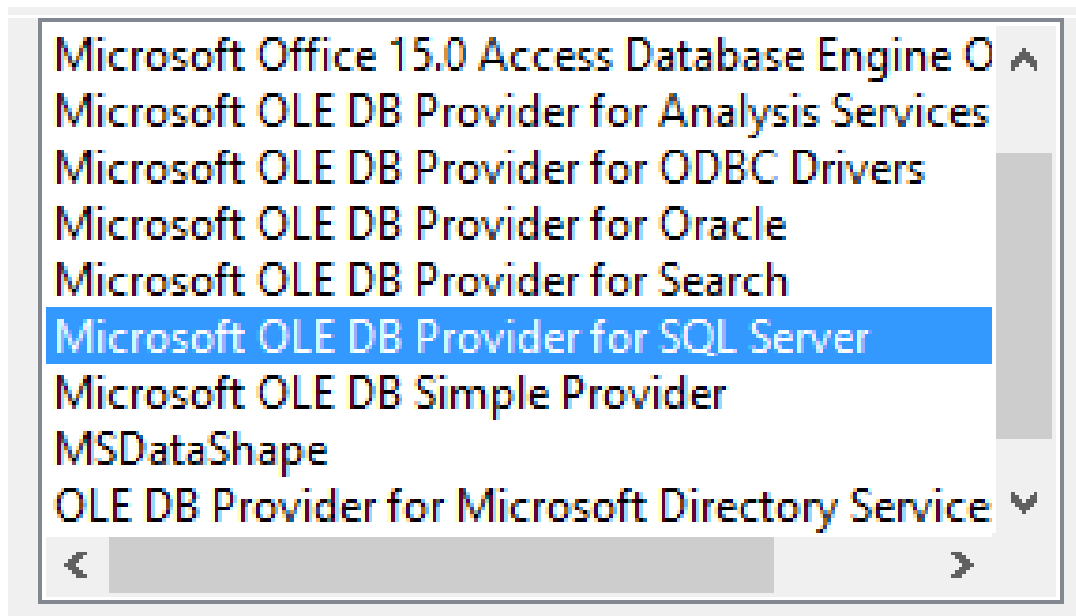
Tạo store procedure lấy ra các hóa đơn bán hàng theo khoảng thời gian tùy biến

- ▶ CREATE procedure [dbo].[spSalebydate]
- ▶ @Tungay datetime,
- ▶ @Denngay datetime
- ▶ as
- ▶ begin
- ▶ select * from orders where OrderDate between @Tungay and @Denngay
- ▶ end

2. Tạo báo cáo



Xác định nguồn dữ liệu cho báo cáo



OLE DB (ADO)

Connection Information

Provide necessary information to log on to the chosen data source.

Server:

mypc\sqlexpress

User ID:

Password:

Database:

Northwind

Integrated Security:



Kéo thả các fields vào report(detail)

The screenshot displays the Crystal Reports Designer interface. On the left, the **Field Explorer** pane shows the **Database Fields** for the **spSalebydate;1** query. The fields listed are: **OrderID**, **CustomerID**, **EmployeeID**, **OrderDate**, **RequiredDate**, **ShippedDate**, **ShipVia**, **Freight**, **ShipName**, **ShipAddress**, **ShipCity**, **ShipRegion**, and **ShipPostalCode**. The **OrderID**, **CustomerID**, **EmployeeID**, and **OrderDate** fields are checked.

The main design area shows the report layout with the following sections:

- Section1 (Report Header)**: Empty.
- Section2 (Page Header)**: Empty.
- Section3 (Details)**: Contains a table with four columns: **OrderID**, **CustomerID**, **EmployeeID**, and **OrderDate**. The fields are displayed in a grid format.
- Section4 (Report Footer)**: Contains the field **#RTotalQ**.
- Section5 (Page Footer)**: Empty.

The report design area includes a ruler at the top and a vertical scroll bar on the left.

Section1(Report Header

A screenshot of a software interface showing a report header section. The section is titled "Section1 (Report Header)" and is preceded by a small black downward-pointing triangle icon. The text is displayed in a blue, monospace-style font on a light gray background with a subtle gradient.

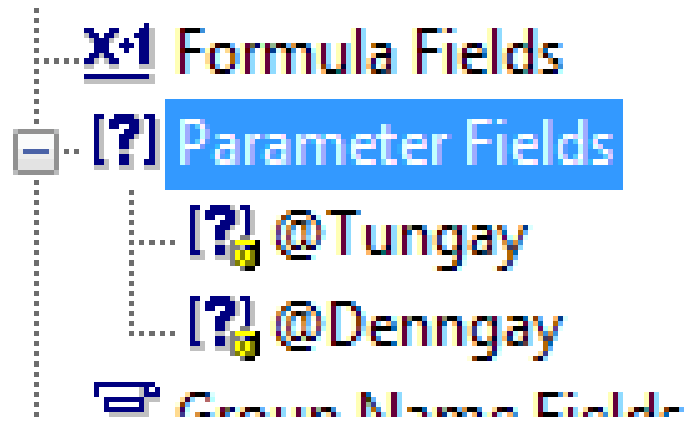
▼ Section1 (Report Header)

Section1(Report Header): Chỉ xuất hiện 1 lần duy nhất
Thể hiện thông tin chung của báo cáo: Tên báo cáo, điều kiện truy xuất

▼ Section2 (Page Header)			
[<u>OrderID</u>	<u>CustomerID</u>	<u>EmployeeID</u>	<u>OrderDate</u>
▼ Section3 (Details)			

Section2 (Page Header: Thể hiện thông tin của trang, lặp lại theo từng trang như Tiêu đề cột, số thứ tự trang...)

Parameter



Các hàm tính toán: Sum, count...

le Tables and Fields:

Report Fields

- spSalebydate;1.OrderID
- spSalebydate;1.CustomerID
- spSalebydate;1.OrderDate
- spSalebydate;1.EmployeeID

mypc\sqlexpress (OLE DB (ADO))

- spSalebydate;1
 - OrderID
 - CustomerID
 - EmployeeID

Running Total Name: RTotal1

Summary

Field to summarize: spSalebydate;1.OrderID

Type of summary: count

Evaluate

☒ For each record

☐ On change of field

Định dạng

Custom Style

Date and TimeDateTime


Order:Date


Separator:

x-2


x-2


Date and Time Date Time


Date Type: Custom 


Calendar Type: Dương Lịch 

Format:


Month: 03 

Day: 01 


Year: 1999 

Era/period Type: None 


Order:


☐ YMD ☒ DMY ☐ MDY 


Day of week:

Type: 

Short
Long
None





Sep: None 

Encl: None 

Position: Leading 

Separators:

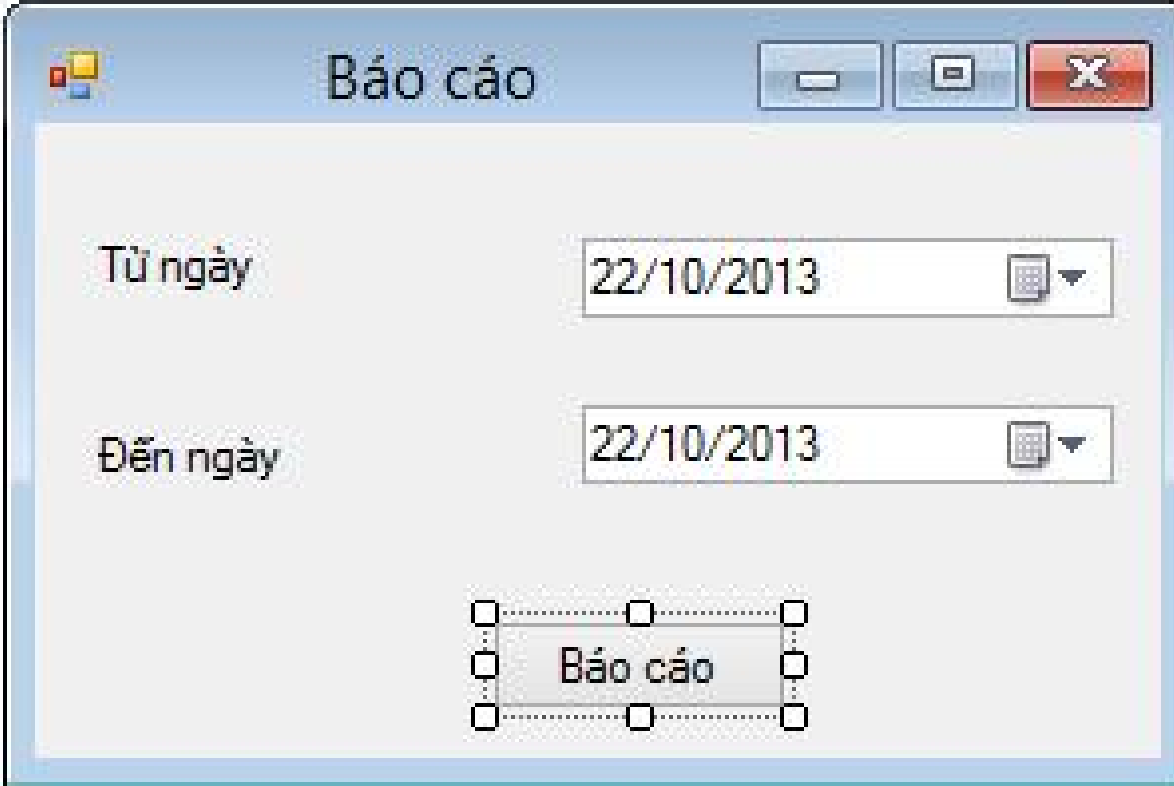
☐ Link separators to date order

Prefix: None  First: /  Second: /  Suffix: None 

Sample: 01/03/1999

OK Cancel Help

3. In báo cáo

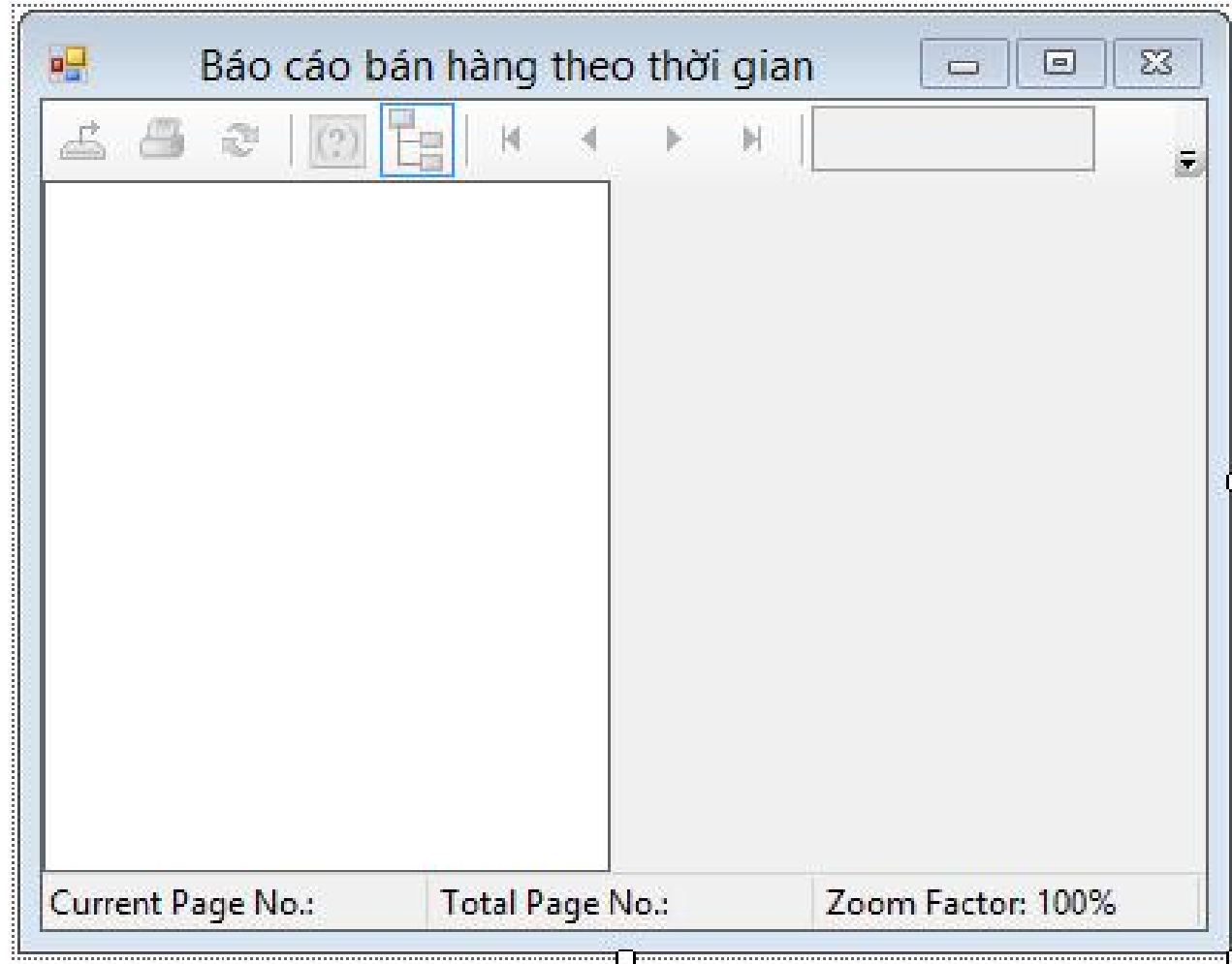


The image shows a screenshot of a software window titled "Báo cáo" (Report). The window has a standard Windows-style title bar with minimize, maximize, and close buttons. Inside the window, there are two date selection fields. The first field is labeled "Từ ngày" (From date) and contains the date "22/10/2013". The second field is labeled "Đến ngày" (To date) and also contains the date "22/10/2013". Both fields have a small calendar icon and a dropdown arrow. At the bottom of the window, there is a button labeled "Báo cáo" (Report) with a dashed border, indicating it is a clickable element.

```
▶ private void cmdlnBaocao_Click(object sender, EventArgs e)
▶ {
▶     frmReport frm = new frmReport();
▶     string s;
▶     s = dtTungay.Value.Day.ToString() + "/" +
dtTungay.Value.Month.ToString() + "/" + dtTungay.Value.Year.ToString() + "
0:0:00";
▶     frm.tungay = DateTime.Parse(s);
▶     s = dtDenngay.Value.Day.ToString() + "/" +
dtDenngay.Value.Month.ToString() + "/" + dtDenngay.Value.Year.ToString() + "
23:59:59";
▶     frm.denngay = dtDenngay.Value;
▶     frm.ShowDialog();

▶ }
```


Tạo form kết quả



Lập trình form Kết quả

- ▶ Sử dụng Name Space:
- ▶ `using CrystalDecisions.CrystalReports.Engine;`
- ▶ `using CrystalDecisions.Shared;`
- ▶ Khai báo paramater:
- ▶ `public DateTime tungay;`
- ▶ `public DateTime denngay;`

Load report

```
▶ private void frmReport_Load(object sender, EventArgs e)
▶ {
▶     ReportDocument orpt = new ReportDocument();
▶     orpt.Load(@"D:\Giao trinh\C#\Crystal
Report\CrystalReport\CrystalReport\CrystalReport1.rpt");
▶     orpt.SetParameterValue("@Tungay", tungay);
▶     orpt.SetParameterValue("@Denngay", denngay);
▶     orpt.SetDatabaseLogon("", "", @"mypc\squlexpress", "No");
▶     crystalReportViewer1.ReportSource=orpt;
▶ }
```