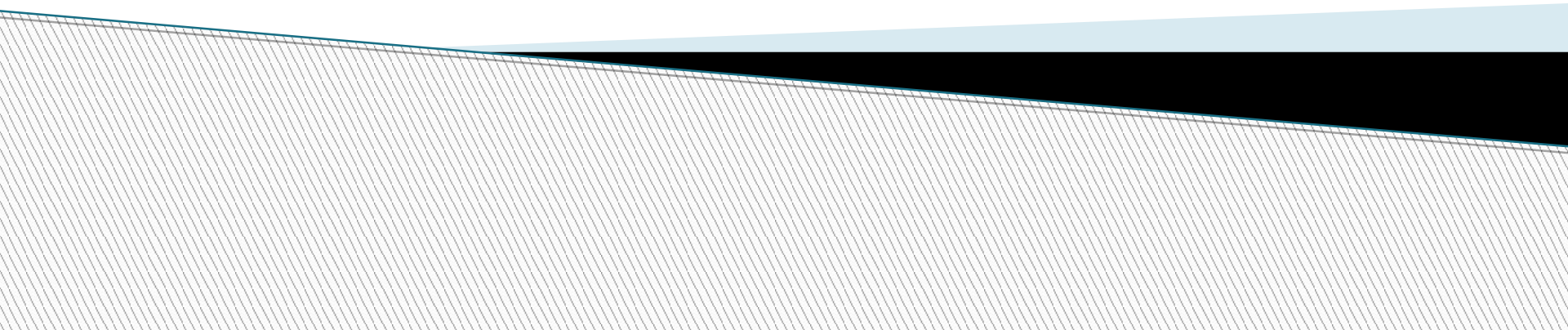# DBMSS-lab2

PHD Pop Dănuț
Informatics

Introduction

- Master–detail windows form
- Configuration file
- Exercise
- Lab2

Master–detail windows form

- Creating and configuring the dataset that contains at least one table. This includes creating a relationship between the tables

Master-detail windows form
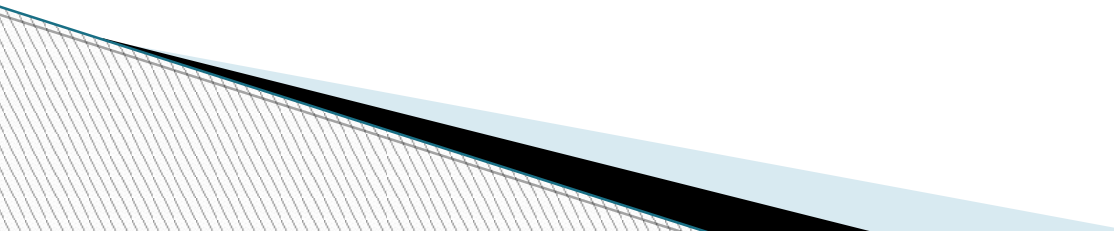
Master-detail windows form
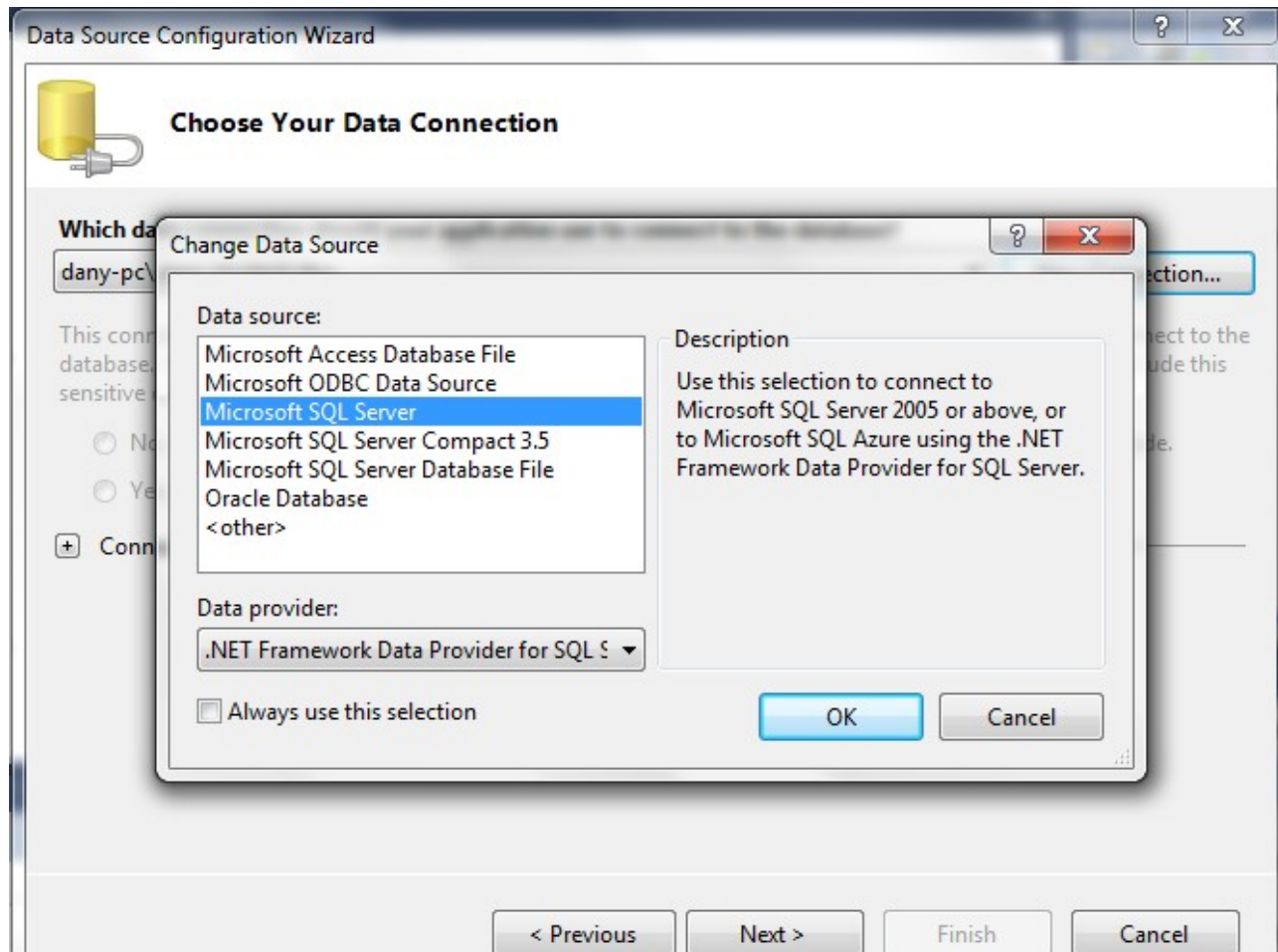
▶ Steps

1)Add Data Sourse

2)Add DataBase

3) Select Tables which you want for a binding

4)Select types of controls

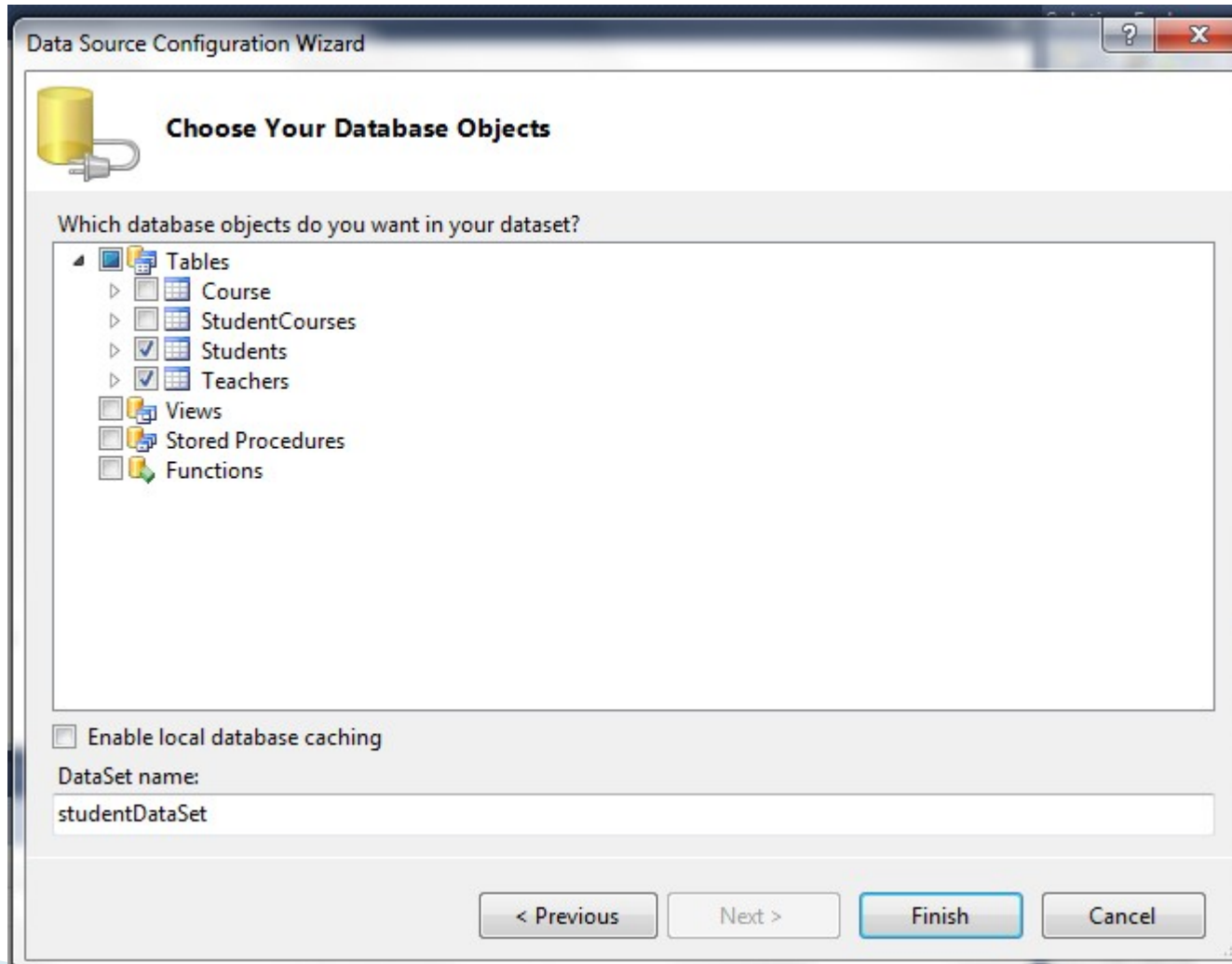5) Drag and drop the tables

6) Read the properties and adapt them

Master–detail windows form

Master–detail windows form

Master–detail windows form

Master–detail windows form

Master–detail windows form

Configuration File

- This is helpful when you must define data that is associated with an application
- You can store application settings in the configuration file that is associated with the application. Configuration files are saved in XML format

Configuration File

- Step

1) In Solution Explorer, right-click the project name, click **Add**, and then click **New Item**.

2)In the **Add New Item** list, click to select **XML File**.

3)In the **Name** text box, type **App.config**, and then click **Add**.

Configuration File

Ex

```xml
<?xml version="1.0" encoding="utf-8" ?>
<configuration>
<appSettings>
<add key="text" value="Hello Word" />
<add key="int" value="1" />
<add key="path" value="c:\\file.txt" />
</appSettings>
</configuration>
```
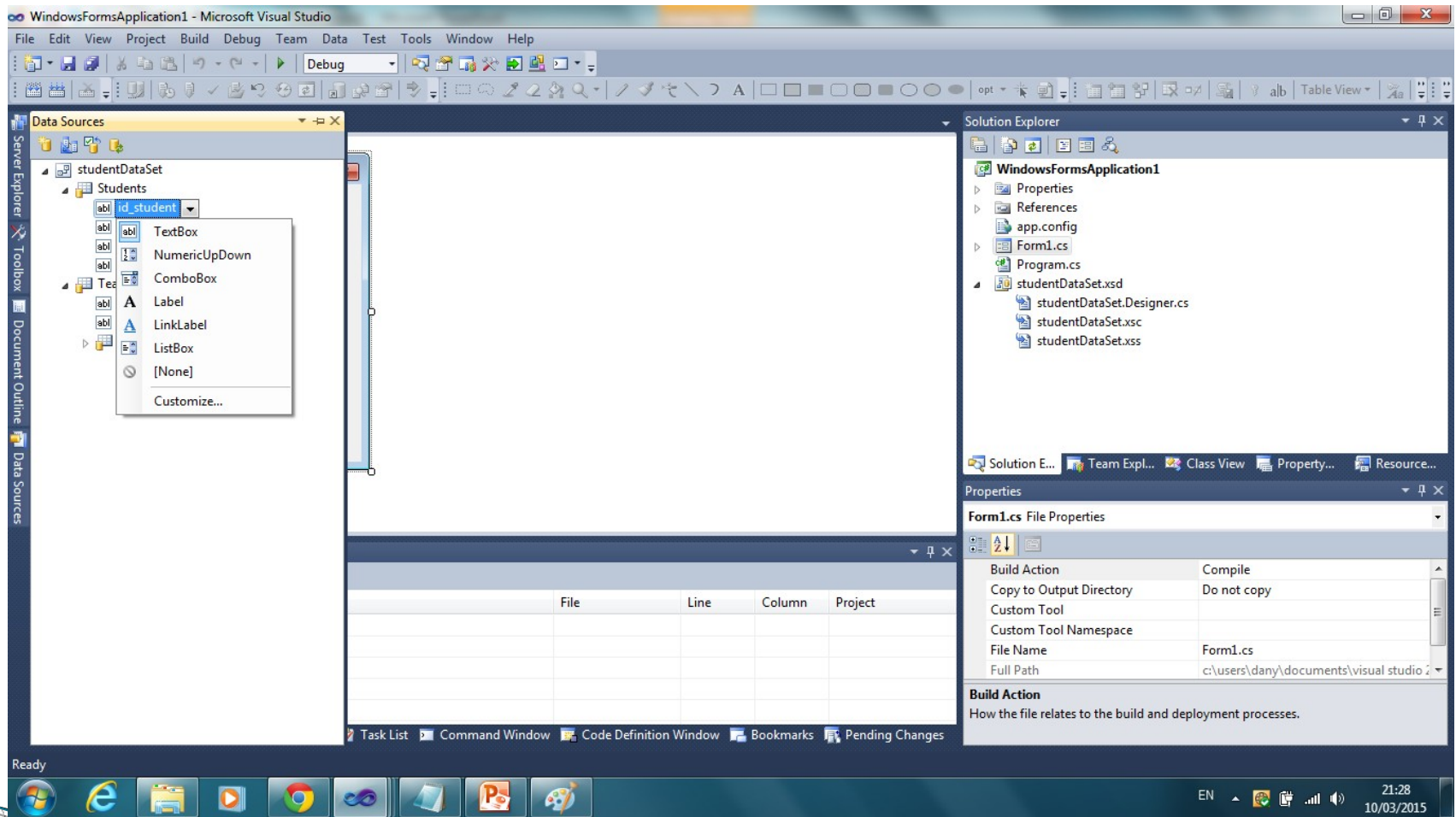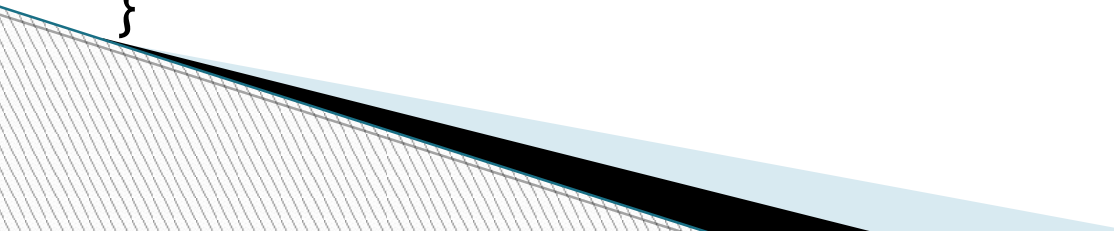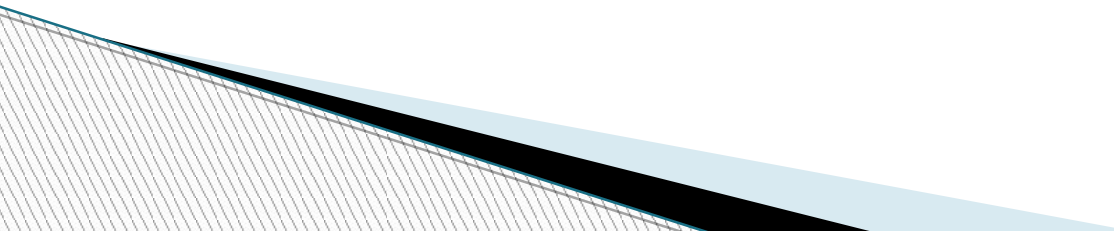
variable name

value/path/ Connectionsting...etc

Configuration File

```csharp
Ex C#
static void Main(string[] args)
 {
string s;
// Read a particular key from the config file
s = ConfigurationManager.AppSettings.Get("int");
textBox1.Text="The value of int: " + s;
textBox1.Text =
ConfigurationSettings.AppSettings["text"];


}
```

Exercise

- Connect a database using a config file,a master detail forms and displays the values
- 1)An average>5
- 2)A join query
- 3)Parents and children for two tables relation 1:M
- All queries will be made in config file

Lab 2 assigned in week 2, due in week 7

- http://www.cs.ubbcluj.ro/~tzutzu/Didactic/TrasactionsDistributedDBEn.htm