



MALMÖ HÖGSKOLA

**Malmö University
School of Technology**

Programming Using .NET, Advanced Course

Exercise – Data binding

Optional – not to be submitted

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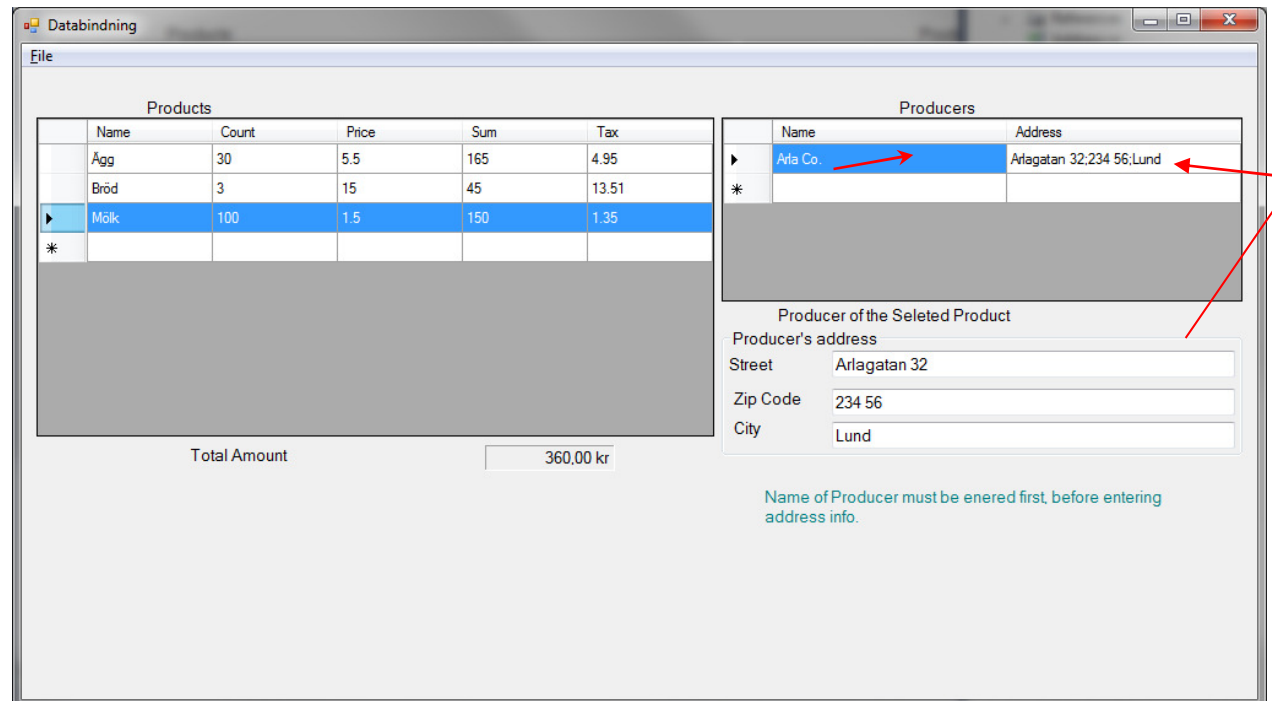
Exercise – Data binding

1 Objectives

This exercise gives training in binding between DataGridView and TextBox controls, DataGridViews and BindingSource objects.

2 Description

Write an inventory program that maintains a list of products where every product has a number of items available in the warehouse, a number, a name and a price. Value added tax (VAT) is 25% and is to be calculated by the program. In addition, each product has a number of producers. For every producer, the program should store a name and an address, as shown in the run example below.



Products						Producers	
	Name	Count	Price	Sum	Tax	Name	Address
	Ägg	30	5.5	165	4.95	▶ Arla Co.	Arlagatan 32,234 56,Lund
	Bröd	3	15	45	13.51	*	
▶	Milk	100	1.5	150	1.35		
*							

Producer of the Selected Product

Producer's address

Street: Arlagatan 32

Zip Code: 234 56

City: Lund

Total Amount: 360,00 kr

Name of Producer must be entered first, before entering address info.

Use DataGridViews for the lists and textboxes for the address items. Bind these together so they work as follows:

- 2.1 The user enters products on the left Gridview and for each product enters the name of the producers in the right Gridview.
- 2.2 After entering the name, the address items are filled in the textboxes and when clicking on the current item in Producers Gridview, the address is saved and displayed.
- 2.3 If the bindings are done correctly, every clicking should show correct values in all the controls.

Use BindingLists to store the **Product** and **Producer** objects and **BindingSource** objects bind the controls.

3 Solution

The solution to this exercise (as VB and C# projects) is available for downloading on the module.

Good Luck!

Farid Naisan,

Course Responsible and Instructor