

AGENDA

Data Template

ListBox

Resource Dictionary

Stilmallar (Style)

Avancerade kontroller

- Statusbar
- Hyperlänkar
- WebBrowser
- TabControl
- Ribbon



KLASSEN PERSON

```
public class Person {
    public string Name { get; set; }
    public string Epost { get; set; }

    public static List<Person> GetPersoner() {
        var personer = new List<Person>();
        personer.Add(new Person() { Name = "Mahmud", Epost="mahmud@alhakim.se" });
        personer.Add(new Person() { Name = "Kalle" , Epost="kalle@hotmail.se" });
        return personer;
    } }
```

publi	c MainWindow()
{	
	<pre>InitializeComponent();</pre>
	<pre>DataContext = Person.GetPersoner()</pre>
}	







ÖVNING

Skapa en lista över ett antal produkter

- Skapa en klass som heter Produkt med följande egenskaper: ProduktID, Titel, Pris (lägg till flera egenskaper om du vill)
- Skapa en statisk metod som returnerar ett antal produkter.
- XAML-gränssnittet ska ha av en enkel ListBox.
- Använd "Object Binding" för att binda till gränssnittet.
- Skapa en Data Template som enbart visar produktnamn och pris (visa två decimaler).

ARBETA MED RESURSER (RESOURCE DICTIONARY)

```
<Window.Resources>
```

```
<SolidColorBrush x:Key="myColor" Color="#FFFF1111" />
```

```
</Window.Resources>
```

<Grid>

```
<StackPanel Orientation="Vertical">
```

```
<TextBlock Text="Ett" Foreground="{StaticResource myColor}" />
```

```
<TextBlock Text="Två" />
```

```
<TextBlock Text="Tre" Foreground="{StaticResource myColor}" />
```

```
</StackPanel>
```

Add New Item - WpfApplication1	6		? ×
▲ Installed	Sort by: Default -		Search Installed Templates (Ctrl+E)
✓ Visual C# Code	Window (WPF)	Visual C#	 Type: Visual C# XAML resource dictionary
Data General	Page (WPF)	Visual C#	
Vindows Forms	User Control (WPF)	Visual C#	
Reporting	Resource Dictionary (WPF)	Visual C#	
Workflow	About Box	Visual C#	
▶ Online	ADO.NET Entity Data Model	Visual C#	
	Application Configuration Fil	e Visual C#	*
	Click here to go online and find	templates	

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WpfApplication1	6 – C	×
Colors.xaml* + ×		
1 ResourceDictionary	<pre></pre>	× +
	esourceDictionary xmins= http://schemas.microsoft.com/wintx/2006/xami/pre	256
2	<pre>xmlns:x= nttp://schemas.microsoft.com/wintx/2006/xami wmlms.loopl.W.lk.com/wintx/2006/xami</pre>	
3	<pre>Xmins:local="cir-namespace:wptApplication16.Resources";</pre>	` -
4		- 11
5	<solidcolorbrush color="#FFFF1111" x:key="myColor"></solidcolorbrush>	
6		
7 </td <td>ResourceDictionary></td> <td>_</td>	ResourceDictionary>	_
109 % 👻 🖣		•
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ANGE RESOURCE DICTIONARY I APP.XAML

App.xaml* ≠ ×	
ResourceDiction	nary (Resources/Colors.xaml) • 🛛 🖾 ResourceDictionary (Resources/Colors.xaml)
1 🕂	<pre><application <="" pre="" x:class="WpfApplication16.App"></application></pre>
2	<pre>xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation</pre>
3	<pre>xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"</pre>
4	<pre>xmlns:local="clr-namespace:WpfApplication16"</pre>
5	<pre>StartupUri="MainWindow.xaml"></pre>
6	<application.resources></application.resources>
7	<pre><resourcedictionary source="Resources/Colors.xaml"></resourcedictionary></pre>
8	
9	
10	
09 % - 4	
🖸 XAML 🛛 🗔 🕻	Design III







LOKALA STILMALLAR	En stilmall som enbart gäller detta fönster!
<window.resources></window.resources>	
<style targettype="TextBlock</td><td>·"></td></tr><tr><td><Setter Property="Fonts</td><td>ize" Value="20" /></td></tr><tr><td><Setter Property="Foreg</td><td>round" Value="Blue" /></td></tr><tr><td><Setter Property="Horiz</td><td>contalAlignment" Value="Left" /></td></tr><tr><td></style>	
<grid> <stackpanel orientation="Ver</td><td>tical"></stackpanel></grid>	
<textblock <="" td="" text="Ett"><td>'></td></textblock>	'>
<textblock f<="" td="" text="Två"><td>ontSize="30" /></td></textblock>	ontSize="30" />
<textblock <="" td="" text="Tre"><td>></td></textblock>	>
	OBSI Inling formatoring har hägre priori
	Obs: mine-rormatering har hogre phorn



EXTERNA STILMALLAR FLYTTA STILAR TILL EN NY FIL (T.EX. STYLES.XAML)

I ResourceDicti	onary	✓ I ResourceDictionary	
1 ⊑ 2 3	<resourcedictionary< th=""><th><pre>xmlns="http://schemas.microsoft.com/winfx/ xmlns:x="http://schemas.microsoft.com/winf xmlns:local="clr-namespace:WpfApplication1"</pre></th><th>′2006/xaml/pres Fx/2006/xaml" L6.Resources"≻</th></resourcedictionary<>	<pre>xmlns="http://schemas.microsoft.com/winfx/ xmlns:x="http://schemas.microsoft.com/winf xmlns:local="clr-namespace:WpfApplication1"</pre>	′2006/xaml/pres Fx/2006/xaml" L6.Resources"≻
4 ∈ 5	Style TargetTy Setter Pro	pe="TextBlock"> perty="FontSize" Value="50" />	
6 7	<setter pro<br=""><setter pro<="" td=""><td>perty="Background" Value="Aquamarine" /> perty="HorizontalAlignment" Value="Left" /></td><td>></td></setter></setter>	perty="Background" Value="Aquamarine" /> perty="HorizontalAlignment" Value="Left" />	>
8	<td>y></td> <td></td>	y>	
9% - 4	-		h
	Design		ПE



STATUSBAR						
<statusbar verticala<br=""><statusbaritem> <textblock>Co</textblock></statusbaritem></statusbar>	<mark>lignment="Bottom</mark> pyright 2016 Mahr	" <mark>Backgro</mark> nud Al Ha	ound=" akim </th <th>'Beige TextB</th> <th>"> lock></th> <th></th>	'Beige TextB	"> lock>	
	MainWindow	_		×		
	Copyright 2016 Mahmu	d Al Hakim				21



TABCONTROL	MainWindow — 🗆 X Flik 1 Flik 2 Flik 3 Detta är innehållet i flik 1
<tabcontrol></tabcontrol>	
<tabitem header="Flik 1">Detta är in</tabitem>	nehållet i flik 1
<tabitem header="Flik 2">Detta är in</tabitem>	nehållet i flik 2
<tabitem header="Flik 3">Detta är in</tabitem>	nehållet i flik 3
	24

🔳 Ribbon Demo	– 🗆 X	
Home Insert PageLayout	0	
Cut Copy		
Paste		
Home		



ENDDEDEN EN DIATS TILL NIN DIDDON
TURDERED EN LEATS TILL DIN RIDDUN
<grid></grid>
<grid.rowdefinitions></grid.rowdefinitions>
<rowdefinition height="Auto"></rowdefinition>
<rowdefinition></rowdefinition>
<ribbon selectedindex="0" x:name="RibbonWin"></ribbon>

HELPPANECONTENT

ΟΠΙΓΚΑΓΓΕς ΣΤΟΟΙ ΒΑΒ	
QUICKACCESSIOOEDAK	
Quick Access Toolbar - located at the upper-left corner	
<ribbon.quickaccesstoolbar></ribbon.quickaccesstoolbar>	
<ribbonquickaccesstoolbar></ribbonquickaccesstoolbar>	
<ribbonbutton smallimagesource="Images\save.png" x:name="Save"></ribbonbutton>	
<ribbonsplitbutton smallimagesource="Images\undo.png</td><td>" x:name="Undo"></ribbonsplitbutton>	
<ribbonsplitmenuitem header="Undo 1"></ribbonsplitmenuitem>	
<ribbonsplitbutton <="" smallimagesource="Images\redo.png" td="" x:name="Redo"><td>></td></ribbonsplitbutton>	>
<ribbonsplitmenuitem header="Redo 1"></ribbonsplitmenuitem>	
	30
	~~

APPLICATIONMENU

<!-- Application Menu, located at the left-hand side (down arrow) -->

<Ribbon.ApplicationMenu>

<RibbonApplicationMenu KeyTip="F">

<RibbonApplicationMenuItem Header="Options"

ImageSource="Images\options.png" />

<RibbonApplicationMenuItem Header="Exit"

ImageSource="Images\quit.png" />

</RibbonApplicationMenu>

</Ribbon.ApplicationMenu>



FLERA FLIKAR

```
<!-- Ribbon Tab #2: Launch -->
<RibbonTab Header="Insert" KeyTip="I">
```

</RibbonTab>

<!-- Ribbon Tab #2: Launch --> <RibbonTab Header="PageLayout" KeyTip="L">

</RibbonTab>

ÖVNING	Timer × D0:03:81 Start Stop Reset
Skapa en enkel W	PF-Applikation som visar en Timer (Stop Watch) enligt bilden.
Skapa en extern st	ilmall (separat fil) som formaterar alla knappar (valfritt utseende).
Tips!	
http://www.wpf-tu	torial.com/misc/dispatchertimer/
<u>http://miteshsureja</u>	.blogspot.se/2012/01/how-to-create-stop-watch-application-in.html
http://www.c-sharp	<u>ocorner.com/blogs/creating-a-simple-stop-watch-application-in-wpf1</u>
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