* **Task 1: Auto Text Binding (Method –I)**

1. Create a new window store app and choose a Blank App template. Call it name “Auto Text Binding” or whatever you want.
2. Add a two TextBox Control from the toolbox in the MainPage.Xml. You can do it either by writing the XAML code.

<TextBox x:Name="TB1" HorizontalAlignment="Left" Margin="368,211,0,0" TextWrapping="Wrap" Text="{Binding Name, Mode=TwoWay, UpdateSourceTrigger=PropertyChanged}" VerticalAlignment="Top"/>

<TextBox x:Name="TB2" HorizontalAlignment="Left" Margin="696,211,0,0" TextWrapping="Wrap" Text="{Binding Name, Mode=TwoWay, UpdateSourceTrigger=PropertyChanged}" VerticalAlignment="Top"/>

1. Make a new **Model Class**. In this Class, define the **Name** property. Let the model Class support notifications. Implement the **INotificationChanged** interface - including the handler and the OnPropertyChanged-method. For **Name** property call the notification in the set-method

Follow the below links for better understanding:

<https://msdn.microsoft.com/en-us/library/edzehd2t(v=vs.110).aspx>

<https://msdn.microsoft.com/en-us/library/windows/apps/xaml/windows.ui.xaml.data.inotifypropertychanged.aspx>

<https://msdn.microsoft.com/en-us/library/windows/apps/xaml/windows.ui.xaml.data.inotifypropertychanged.propertychanged.aspx>.

1. Add Data Context Property in the **MainPage.Xml.cs** (code behind class).

* Create an object instance of Model Class.
* Then set Data Context into the object of Model Class.
* Set initial value of Object property **Name** to Henrik (model.Name = “Henrik”).

1. Method –II (you can also set DataContext into **MainPage.Xaml** instead of **MainPage.Xml.cs).**

<Grid.DataContext>

<local: Model/>

</Grid.DataContext>

**Reason why**: If you want, your **View** is separate to **Model.** (Separation of concern , loose coupling).

**Program run and code looks like:**



After Change the Name, you will see **Name** is automatically binding to the TextBox control.

