MODULE 11

DATA BINDINGS

MODULE TOPICS

Element Binding
Binding Modes
DataContext
Binding to Collections

ELEMENT BINDING

```
<TextBlock Margin="10" Text="Simple Text" Name="TextBlockSampleText"
    FontSize="{Binding ElementName=SliderFontSize, Path=Value, Mode=TwoWay}">
```

BINDING MODES

Name	Description
OneWay	Target property is updated when the source property changes
TwoWay	Data changes propagate both ways
OneTime	Target property is set initially based on the source property
OneWayToSource	Similar to OneWay but in reverse

WALKTHRU - ELEMENT BINDING

DATA CONTEXT

```xml
<StackPanel>
    <TextBlock Text="{Binding Source={x:Static SystemFonts.IconFontFamily},
               Path=Source}"></TextBlock>
    <TextBlock Text="{Binding Source={x:Static SystemFonts.IconFontFamily},
               Path=LineSpacing}"></TextBlock>
    <TextBlock Text="{Binding Source={x:Static SystemFonts.IconFontFamily},
               Path=FamilyTypefaces[0].Style}"></TextBlock>
    <TextBlock Text="{Binding Source={x:Static SystemFonts.IconFontFamily},
               Path=FamilyTypefaces[0].Weight}"></TextBlock>
</StackPanel>
```

DATA CONTEXT

```xml
<StackPanel DataContext="{x:Static SystemFonts.IconFontFamily}">
    <TextBlock Text="{Binding Path=Source}"></TextBlock>
    <TextBlock Text="{Binding Path=LineSpacing}"></TextBlock>
    <TextBlock Text="{Binding Path=FamilyTypefaces[0].Style}"></TextBlock>
    <TextBlock Text="{Binding Path=FamilyTypefaces[0].Weight}"></TextBlock>
</StackPanel>
```

BINDING TO COLLECTIONS

```
ListBoxProducts.ItemsSource = productsDAL.GetProducts();
```

WALKTHRU - COLLECTION BINDING

ANY QUESTIONS?