



# Thực hành Kỹ thuật lập trình nâng cao

## Lab 4: LÀM QUEN THIẾT KẾ ỨNG DỤNG UWP

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### 1 Bài 2

```
1 <Page
2   x:Class="LAB4.MainPage"
3   xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
4   xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
5   xmlns:local="using:LAB4"
6   xmlns:d="http://schemas.microsoft.com/expression/blend/2008"
7   xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006" xmlns:Windows10version1809="http
   ://schemas.microsoft.com/winfx/2006/xaml/presentation?IsApiContractPresent(Windows.Foundation.
   UniversalApiContract, 7)"
8   mc:Ignorable="d"
9   Background="#03c1f4">
10
11   <Grid>
12     <StackPanel Orientation="Vertical" VerticalAlignment="Center">
13
14       <TextBlock x:Name="ErrorTextBlock" Foreground="#FF00FF00" Margin="0, 0, 0, 10" Text="Error Message"
15         Visibility="Collapsed" HorizontalAlignment="Center"/>
16
17       <TextBox x:Name="IQTextBox" PlaceholderText="Nhập chỉ số IQ" Width="200" Margin="0, 0, 0, 20"/>
18       <Button x:Name="ClickMeButton" Foreground="Black" Content="Test" Width="200" HorizontalAlignment="
19         Center" Margin="0, 0, 0, 20" Click="ClickMeButton_Click" BorderBrush="Black" BorderThickness
20         ="1" Windows10version1809:CornerRadius="5"/>
21       <TextBlock x:Name="DisplayTextBlock" Foreground="Black" Width="200"/>
22     </StackPanel>
23   </Grid>
24 </Page>
```

Listing 1: MainPage.xaml

```
1 using System;
2 using Windows.UI.Xaml;
3 using Windows.UI.Xaml.Controls;
4 using Windows.UI.Xaml.Media;
5
6 // The Blank Page item template is documented at
7   https://go.microsoft.com/fwlink/?LinkId=402352&clcid=0x409
8
9 namespace LAB4
10 {
11   /// <summary>
12   /// An empty page that can be used on its own or navigated to within a Frame.
13   /// </summary>
```

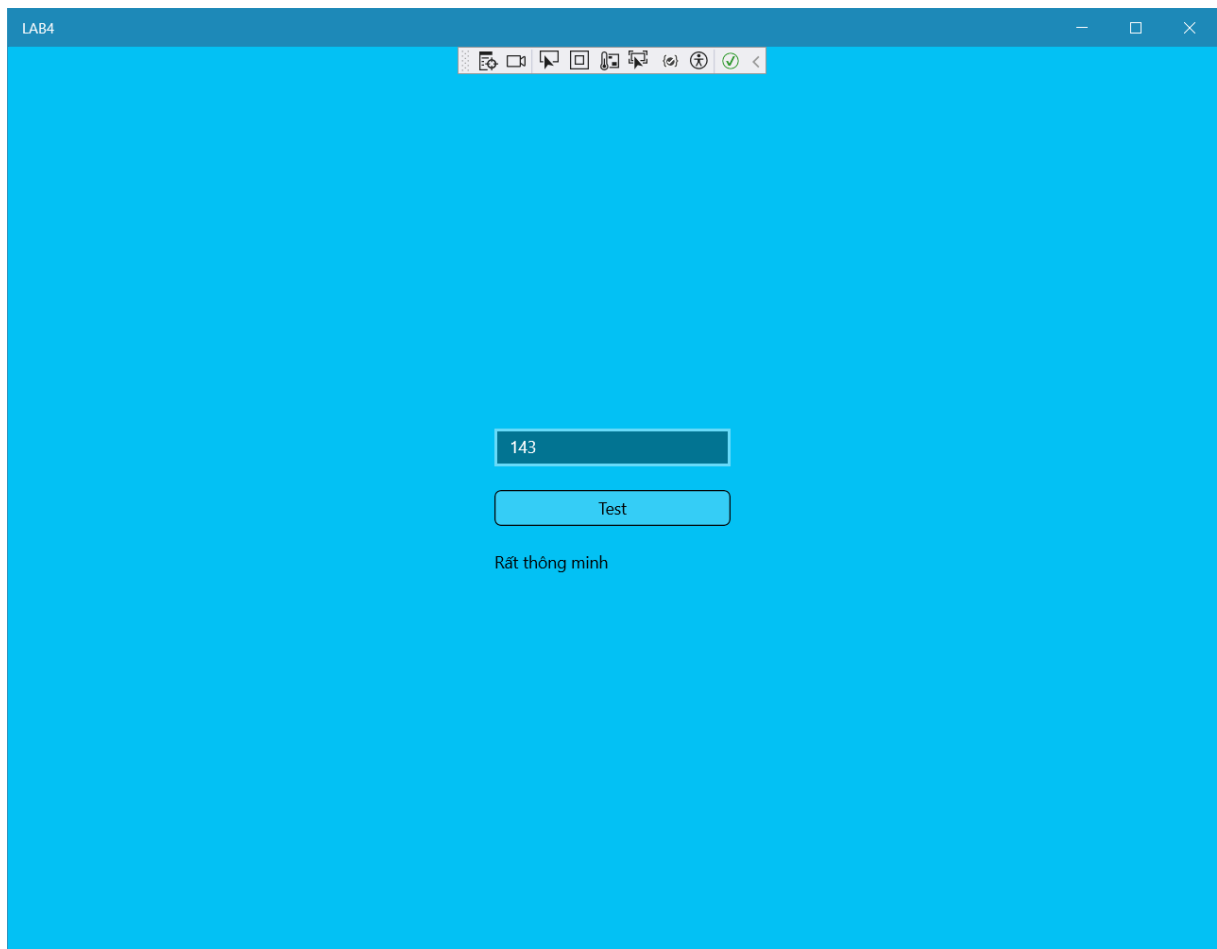
```

13 public sealed partial class MainPage : Page
14 {
15     public MainPage()
16     {
17         this.InitializeComponent();
18     }
19
20     private void ClickMeButton_Click(object sender, RoutedEventArgs e)
21     {
22         int IQ;
23         try
24         {
25             IQ = int.Parse(IQTextBox.Text);
26             if (IQ < 85)
27             {
28                 DisplayTextBlock.Text = "Thấp";
29             }
30             else if (IQ < 115)
31             {
32                 DisplayTextBlock.Text = "Bình thường";
33             }
34             else if (IQ < 130)
35             {
36                 DisplayTextBlock.Text = "Thông minh";
37             }
38             else if (IQ < 145)
39             {
40                 DisplayTextBlock.Text = "Rất thông minh";
41             }
42             else
43             {
44                 DisplayTextBlock.Text = "Thiên tài";
45             }
46             ErrorTextBlock.Visibility = Visibility.Collapsed;
47         }
48         catch (FormatException)
49         {
50             ErrorTextBlock.Text = "Hãy nhập vào một số nguyên";
51             DisplayTextBlock.Text = "Error: NaN";
52             ErrorTextBlock.Visibility = Visibility.Visible;
53         }
54     }
55 }
56

```

Listing 2: [MainPage.xaml.cs](#)

Source code: [Github](#), folder LAB4



Hình 1: Enter Caption