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**Lab Assignment**

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## **MainPage.xaml**

```
<?xml version="1.0" encoding="utf-8" ?>
<ContentPage xmlns="http://xamarin.com/schemas/2014/forms"
              xmlns:x="http://schemas.microsoft.com/winfx/2009/xaml"
              x:Class="App5.MainPage">

    <StackLayout>

        <Frame BackgroundColor="#5E7282" Padding="24" CornerRadius="0">
            <Label Text="wellcome here" HorizontalTextAlignment="Center"
                TextColor="White" FontSize="36"/>
        </Frame>
        <Label Text="First Number: " />
        <Entry Placeholder="Enter First Number" x:Name="entry_num1"/>
        <Label Text="Second Number: " />
        <Entry Placeholder="Enter Second Number" x:Name="entry_num2"/>
        <StackLayout Orientation="Horizontal">
            <Label Text="Switch from multiplication to devision"
                HorizontalOptions="Start"/>
            <Switch IsToggled="False" OnColor="green" ThumbColor="Blue"
                HorizontalOptions="Center"
                x:Name="switch1"/>
        </StackLayout>

        <Button Text="Calculate" x:Name="btn1" Clicked="btn1_Clicked"/>
        <Label Text="" x:Name="label_result"/>
    </StackLayout>

</ContentPage>
```

## MainPage.xaml.cs

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using Xamarin.Forms;

namespace App5
{
    public partial class MainPage : ContentPage
    {
        public MainPage()
        {
            InitializeComponent();
        }
        private void btn1_Clicked(object sender, EventArgs e)
        {
            label_result.Text = (Convert.ToInt32(entry_num1.Text) *
            Convert.ToInt32(entry_num2.Text)).ToString();
            if (switch1.IsToggled)
            {
                label_result.Text = (Convert.ToInt32(entry_num1.Text) /
                Convert.ToInt32(entry_num2.Text)).ToString();
            }
        }
    }
}
```