

LAB - 14

Program 1: Write XAML code for the following: Consider textbox(txt1) for First Number, textbox(txt2) for Second Number, textbox(txt3) for Answer, and 4 buttons (btn1,btn2,btn3,btn4) for Addition, Subtraction, Multiplication and Division respectively. Write backend code for taking input of 2 numbers and display relevant output as per button click

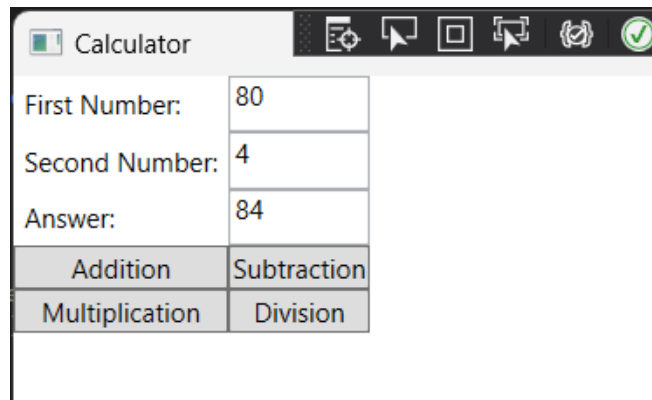
Code:

```

Title="Calculator" Height="350" Width="525">
<Grid>
  <Grid.RowDefinitions>
    <RowDefinition Height="Auto"/>
    <RowDefinition Height="Auto"/>
    <RowDefinition Height="Auto"/>
    <RowDefinition Height="Auto"/>
    <RowDefinition Height="Auto"/>
  </Grid.RowDefinitions>
  <Grid.ColumnDefinitions>
    <ColumnDefinition Width="Auto"/>
    <ColumnDefinition Width="Auto"/>
  </Grid.ColumnDefinitions>
  <Label Content="First Number:" Grid.Row="0" Grid.Column="0"/>
  <TextBox x:Name="txt1" Grid.Row="0" Grid.Column="1"/>
  <Label Content="Second Number:" Grid.Row="1" Grid.Column="0"/>
  <TextBox x:Name="txt2" Grid.Row="1" Grid.Column="1"/>
  <Label Content="Answer:" Grid.Row="2" Grid.Column="0"/>
  <TextBox x:Name="txt3" Grid.Row="2" Grid.Column="1" IsReadOnly="True"/>
  <Button x:Name="btn1" Content="Addition" Grid.Row="3" Grid.Column="0" Click="btn1_Click"/>
  <Button x:Name="btn2" Content="Subtraction" Grid.Row="3" Grid.Column="1" Click="btn2_Click"/>
  <Button x:Name="btn3" Content="Multiplication" Grid.Row="4" Grid.Column="0" Click="btn3_Click"/>
  <Button x:Name="btn4" Content="Division" Grid.Row="4" Grid.Column="1" Click="btn4_Click"/>
</Grid>

```

Output:



First Number:	80
Second Number:	4
Answer:	84
Addition	Subtraction
Multiplication	Division

Program 2: Write XAML code for the following: Consider textbox(txt1) for Full Name, textbox(txt2) for enrolment, textbox(txt3) for email, textbox(txt4) for mobile, combobox(cmb1) for Semester, radiobutton(rd1,rd2) for Gender and datetimepicker(dtp1) for birthdate and button(btn1). Write backend code for taking input of each and display all values in pop-up box with proper message on button (btn1) click.

Code:

```
<Grid>
    <Grid.RowDefinitions>
        <RowDefinition Height="Auto"/>
        <RowDefinition Height="Auto"/>
        <RowDefinition Height="Auto"/>
        <RowDefinition Height="Auto"/>
        <RowDefinition Height="Auto"/>
        <RowDefinition Height="Auto"/>
        <RowDefinition Height="Auto"/>
    </Grid.RowDefinitions>
    <Grid.ColumnDefinitions>
        <ColumnDefinition Width="Auto"/>
        <ColumnDefinition Width="Auto"/>
    </Grid.ColumnDefinitions>
    <Label Content="Full Name:" Grid.Row="0" Grid.Column="0"/>
    <TextBox x:Name="txt1" Grid.Row="0" Grid.Column="1"/>
    <Label Content="Enrollment:" Grid.Row="1" Grid.Column="0"/>
    <TextBox x:Name="txt2" Grid.Row="1" Grid.Column="1"/>
    <Label Content="Email:" Grid.Row="2" Grid.Column="0"/>
    <TextBox x:Name="txt3" Grid.Row="2" Grid.Column="1"/>
    <Label Content="Mobile:" Grid.Row="3" Grid.Column="0"/>
    <TextBox x:Name="txt4" Grid.Row="3" Grid.Column="1"/>
    <Label Content="Semester:" Grid.Row="4" Grid.Column="0"/>
    <ComboBox x:Name="cmb1" Grid.Row="4" Grid.Column="1">
```

```
        <ComboBoxItem Content="1"/>
        <ComboBoxItem Content="2"/>
        <ComboBoxItem Content="3"/>
        <ComboBoxItem Content="4"/>
        <ComboBoxItem Content="5"/>
        <ComboBoxItem Content="6"/>
        <ComboBoxItem Content="7"/>
        <ComboBoxItem Content="8"/>
    </ComboBox>
    <Label Content="Gender:" Grid.Row="5" Grid.Column="0"/>
    <RadioButton x:Name="rd1" Content="Male" Grid.Row="5" Grid.Column="1"/>
    <RadioButton x:Name="rd2" Content="Female" Grid.Row="5" Grid.Column="1" Margin="75,0,0,0"/>
    <Label Content="Birthdate:" Grid.Row="6" Grid.Column="0"/>
    <DatePicker x:Name="dtp1" Grid.Row="6" Grid.Column="1"/>
    <Button x:Name="btn1" Content="Submit" Grid.Row="7" Grid.Column="1" Click="btn1_Click"/>
</Grid>
```

Output:

Student Details

Full Name:

bhatti abhishek

Enrollment:

92000103084

Email:

abc#gmail.com

Mobile:

1122112233

Semester:

6

Gender:

☒ Male ☐ Female

Birthdate:

01-04-2023

Submit

Student Details

Full Name: bhatti abhishek

Enrollment: 92000103084

Email: abc#gmail.com

Mobile: 1122112233

Semester: 6

Gender: Male

Birthdate: 01-04-2023

OK