

Day 2

we can store
our project ← Github - source
and share management
with others.

xmlns - namespace.

TextBlock

x: → alias name.

to place a text.

Textbox

text → string
value.

✓
free text.

button → to click and get result.

is read only = "true"

✓
user can not give input in textbox.

→ click → to create a event.

int number = 10; ← int → for numbers.

string str = "yellow"; ← string → for words.

char ch = 'c' ← char → for char

~~int number~~

int number;
↓
declaration

int number = 30;

↓
initialization

eg:

`int num = 20 ;
num = 30 ;` } \rightarrow num will become 30 ;

\rightarrow we need to declare one time

`String str = "Hello" ;
str = "world" ;` } str will become "world" ;

convert : `toInt()` \rightarrow convert the value to int.
convert : `toString()` \rightarrow convert the value to string.

`String num1 = "10" ;
String num2 = "20" ;
String rst = num1 + num2 ;`

output : 10 20 .

we need to convert the 'int' value to add.


```
class="DemoApp2.MainWindow"
ns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
ns:x="http://schemas.microsoft.com/winfx/2006/xaml"
ns:d="http://schemas.microsoft.com/expression/blend/2008"
ns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"
ns:local="clr-namespace:DemoApp2"
Ignorable="d"
e="Window" Title="Calculator" Height="300" Width="600">
    Panel Background="Beige">
        TextBox x:Name="firstNumTextBox" Text="Enter the first number"></TextBox>
        TextBox x:Name="secondNumTextBox" Text="Enter the second number"></TextBox>
        TextBox x:Name="secondNumber"></TextBox>
        TextBox x:Name="resultTextBox" Text="Result"></TextBox>
        Button x:Name="result" IsReadOnly="True"></Button>
        Button x:Name="CalcButton" Click="CalcButton_Click"
            Background="RoyalBlue"
            Content="Calculate"
            Padding="5" Margin="15"
            Foreground="White"
            Width="100"
            FontSize="17"
            FontWeight="Bold">
    
```

```
partial class MainWindow : Window
{
    public MainWindow()
    {
        InitializeComponent();
    }

    void CalcButton_Click(object sender, RoutedEventArgs e)
    {
        int firstn = Convert.ToInt16( firstNumTextBox.Text);
        int secondn = Convert.ToInt16( secondNumTextBox.Text);
        int result =firstn + secondn;
        result.Text = Convert.ToString(result);
    }
}
```

Calculator

Enter the first number
122

Enter the Second number
122

Result
244

Calculate