

```
1 <Page x:Class="WPFCalculator.PageCalculate"
2     xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
3     xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
4     xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"
5     xmlns:d="http://schemas.microsoft.com/expression/blend/2008"
6     xmlns:local="clr-namespace:WPFCalculator"
7     mc:Ignorable="d"
8     d:DesignHeight="800" d:DesignWidth="450"
9     Title="Calculate" ShowsNavigationUI="False">
10
11     <Grid Margin="5">
12         <Grid.RowDefinitions>
13             <RowDefinition Height="3*"/>
14             <RowDefinition Height="5*"/>
15             <RowDefinition Height="2*"/>
16             <RowDefinition Height="5*"/>
17             <RowDefinition Height="5*"/>
18             <RowDefinition Height="5*"/>
19             <RowDefinition Height="7*"/>
20         </Grid.RowDefinitions>
21
22         <Grid.ColumnDefinitions>
23             <ColumnDefinition/>
24             <ColumnDefinition/>
25         </Grid.ColumnDefinitions>
26
27         <!--Title row index 0-->
28
29         <StackPanel
30             Grid.ColumnSpan="2"
31             HorizontalAlignment="Center">
32             <TextBlock
33                 Style="{StaticResource PageHeaderStyle}"
34                 Calculator
35             </TextBlock>
36         </StackPanel>
37
38
39         <!-- Data entry of numbers Row Index 1-->
40         <!-- First number data entry -->
41         <StackPanel
42             Grid.Row="1"
43             Orientation="Vertical">
44             <TextBlock
45                 Style="{StaticResource ControlLabelStyle}"
46                 TextAlignment="Center">
47                 First Number
48             </TextBlock>
49             <TextBox
50                 Style="{StaticResource ValueTextBox}"
51                 x:Name="FirstNumberTextBox"/>
52         </StackPanel>
53
54         <!-- Second number data entry -->
55         <StackPanel
56             Grid.Row="1"
```

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57         Grid.Column="1">
58             <TextBlock
59                 Style="{StaticResource ControlLabelStyle}"
60                 TextAlignment="Center">
61                 SecondNumber
62             </TextBlock>
63             <TextBox Style="{StaticResource ValueTextBox}"
64                 x:Name="SecondNumberTextBox"/>
65         </StackPanel>
66
67         <!-- Spacer/Spare Row Index 2 -->
68
69
70
71
72         <!-- Buttons Addition Subtraction Row Index 3 -->
73         <Button
74             Grid.Row="3"
75             Style="{StaticResource BigButton}"
76             Background="Yellow"
77             x:Name="AddButton"
78             Click="AddButton_Click">
79             Add
80         </Button>
81
82
83         <Button
84             Grid.Row="3"
85             Grid.Column="1"
86             Style="{StaticResource BigButton}"
87             Background="Aqua"
88             x:Name="SubtractButton"
89             Click="SubtractButton_Click">
90             Subtract
91         </Button>
92
93         <!-- Buttons Multiplication Division Row Index 4 -->
94         <Button
95             Grid.Row="4"
96             Style="{StaticResource BigButton}"
97             Background="LightCoral"
98             x:Name="MultiplyButton"
99             Click="MultiplyButton_Click">
100             Multiply
101         </Button>
102
103         <Button
104             Grid.Row="4"
105             Grid.Column="1"
106             Style="{StaticResource BigButton}"
107             Background="LightGreen"
108             x:Name="DivideButton"
109             Click="DivideButton_Click">
110             Divide
111         </Button>
112
```

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113
114     <!-- Diplay result Row Index 5 -->
115     <StackPanel
116         Grid.Row="5"
117         Grid.ColumnSpan="2"
118         Margin="10">
119         <Border
120             Margin="5"
121             Padding="5"
122             Background="LightBlue"
123             BorderBrush="DarkBlue"
124             BorderThickness="3"
125             CornerRadius="5">
126             <TextBlock
127                 Background="AliceBlue"
128                 VerticalAlignment="Center"
129                 HorizontalAlignment="Stretch"
130                 TextAlignment="Center"
131                 Foreground="DarkBlue"
132                 FontFamily="TW Cen MT"
133                 FontSize="36"
134                 x:Name="ResultTextBlock">
135                 Result
136             </TextBlock>
137         </Border>
138
139
140     </StackPanel>
141
142
143     <!-- Buttons Clear and Calculate Row Index 6-->
144
145     <StackPanel
146         Grid.Row="6"
147         Grid.ColumnSpan="2">
148         <Grid>
149             <Grid.ColumnDefinitions>
150                 <ColumnDefinition/>
151                 <ColumnDefinition/>
152             </Grid.ColumnDefinitions>
153
154             <Button
155                 Style="{StaticResource FormButton}"
156                 x:Name="ClearButton"
157                 Click="ClearButton_Click">
158                 CLEAR
159             </Button>
160
161             <Button
162                 Grid.Column="1"
163                 Style="{StaticResource FormButton}"
164                 x:Name="ExitButton"
165                 Click="ExitButton_Click">
166                 EXIT
167             </Button>
168         </Grid>
```

169 </StackPanel>

170

171

172

173

174 </Grid>

175 </Page>

176