https://github.com/Valentinkae

**WPF**

**1 задание**

<Window x:Class="LabaKont.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:LabaKont"

mc:Ignorable="d"

Title="MainWindow" Height="1000" Width="800">

<Grid Margin="0,0,0,-179">

<Canvas Margin="0,0,0,178">

<Label Canvas.Left="10" Canvas.Top="10" Content="Последние документы" />

<Button Canvas.Left="150" Canvas.Top="10" Content="Открыть"/>

<Button Canvas.Left="210" Canvas.Top="10" Content="Сохранить"/>

<Button Canvas.Left="280" Canvas.Top="10" Content="Закрыть"/>

<Button Canvas.Left="340" Canvas.Top="10" Content="Обработать"/>

<Button Canvas.Left="420" Canvas.Top="10" Content="О программе"/>

<Label Canvas.Left="10" Canvas.Top="40" Content="1.txt"/>

<Label Canvas.Left="10" Canvas.Top="70" Content="2.txt"/>

<Label Canvas.Left="10" Canvas.Top="100" Content="3.txt"/>

<Label Canvas.Left="10" Canvas.Top="130" Content="4.txt"/>

<Label Canvas.Left="10" Canvas.Top="160" Content="5.txt"/>

<Label Canvas.Left="10" Canvas.Top="190" Content="6.txt"/>

<Label Canvas.Left="150" Canvas.Top="30" Content="1.txt" FontWeight="Bold"/>

<Label Canvas.Left="210" Canvas.Top="30" Content="2.txt" />

<Label Canvas.Left="280" Canvas.Top="30" Content="3.txt" />

<Rectangle Fill="Yellow" Width="80" Height="100" Canvas.Left="130" Canvas.Top="60"/>

<Rectangle Fill="Red" Width="80" Height="100" Canvas.Left="220" Canvas.Top="60" />

<Rectangle Fill="Green" Width="80" Height="100" Canvas.Left="310" Canvas.Top="60" />

<Rectangle Fill="Blue" Width="80" Height="100" Canvas.Left="400" Canvas.Top="60" />

<Rectangle Fill="Gray" Width="80" Height="100" Canvas.Left="490" Canvas.Top="60" />

<Rectangle Fill="beige" Width="80" Height="100" Canvas.Left="580" Canvas.Top="60" />

<Label Content="A" HorizontalAlignment="Left" Canvas.Top="100" VerticalAlignment="Top" Canvas.Left="160" FontWeight="Bold"/>

<Label Content="B" HorizontalAlignment="Left" Canvas.Top="100" VerticalAlignment="Top" Canvas.Left="250" FontWeight="Bold"/>

<Label Content="C" HorizontalAlignment="Left" Canvas.Top="100" VerticalAlignment="Top" Canvas.Left="340" FontWeight="Bold"/>

<Label Content="D" HorizontalAlignment="Left" Canvas.Top="100" VerticalAlignment="Top" Canvas.Left="430" FontWeight="Bold"/>

<Label Content="E" HorizontalAlignment="Left" Canvas.Top="100" VerticalAlignment="Top" Canvas.Left="520" FontWeight="Bold"/>

<Label Content="F" HorizontalAlignment="Left" Canvas.Top="100" VerticalAlignment="Top" Canvas.Left="610" FontWeight="Bold"/>

<Rectangle Fill="Red" Width="80" Height="100" Canvas.Left="130" Canvas.Top="170" />

<Label Content="B" HorizontalAlignment="Left" Canvas.Top="200" VerticalAlignment="Top" Canvas.Left="160" FontWeight="Bold"/>

<Rectangle Fill="Green" Width="80" Height="100" Canvas.Left="130" Canvas.Top="280" />

<Label Content="C" HorizontalAlignment="Left" Canvas.Top="310" VerticalAlignment="Top" Canvas.Left="160" FontWeight="Bold"/>

<Rectangle Fill="Blue" Width="80" Height="100" Canvas.Left="130" Canvas.Top="390" />

<Label Content="D" HorizontalAlignment="Left" Canvas.Top="420" VerticalAlignment="Top" Canvas.Left="160" FontWeight="Bold"/>

<Rectangle Fill="Gray" Width="80" Height="100" Canvas.Left="130" Canvas.Top="500" />

<Label Content="E" HorizontalAlignment="Left" Canvas.Top="530" VerticalAlignment="Top" Canvas.Left="160" FontWeight="Bold"/>

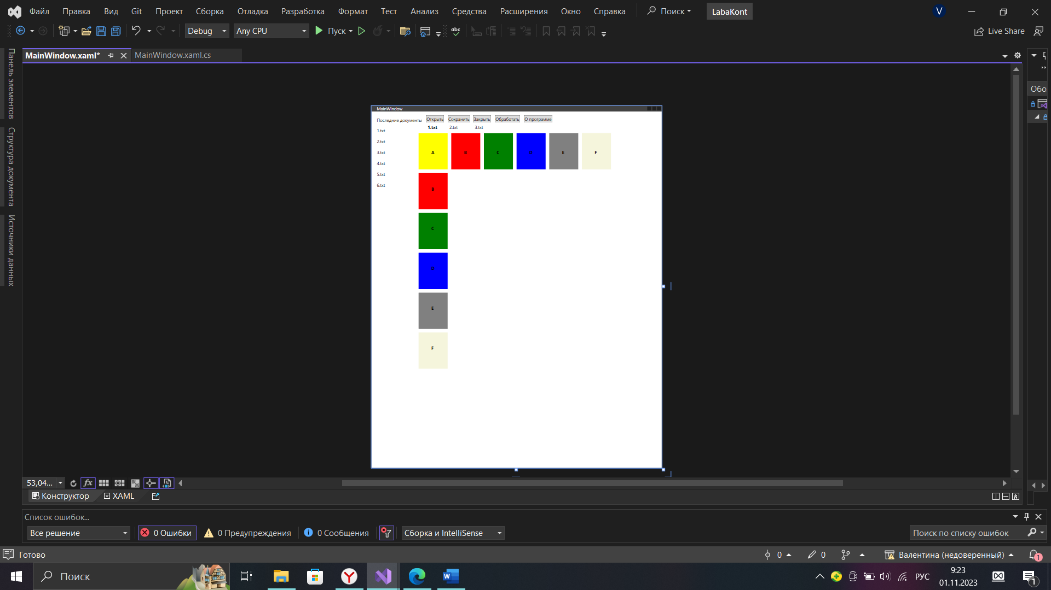
<Rectangle Fill="beige" Width="80" Height="100" Canvas.Left="130" Canvas.Top="610" />

<Label Content="F" HorizontalAlignment="Left" Canvas.Top="640" VerticalAlignment="Top" Canvas.Left="160" FontWeight="Bold"/>

</Canvas>

</Grid>

</Window>

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**2 задание**

**(Фон)**

<Window x:Class="labakont1.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:labakont1"

mc:Ignorable="d"

Title="MainWindow" Height="300" Width="525">

<Grid>

<Button>

<Button.Background>

<LinearGradientBrush StartPoint="0.5,0" EndPoint="0.5,1">

<GradientStop Color="DarkBlue" Offset="1" />

<GradientStop Color="LightBlue" Offset="0.2" />

<GradientStop Color="LightBlue" Offset="0.8" />

<GradientStop Color="DarkBlue" Offset="0" />

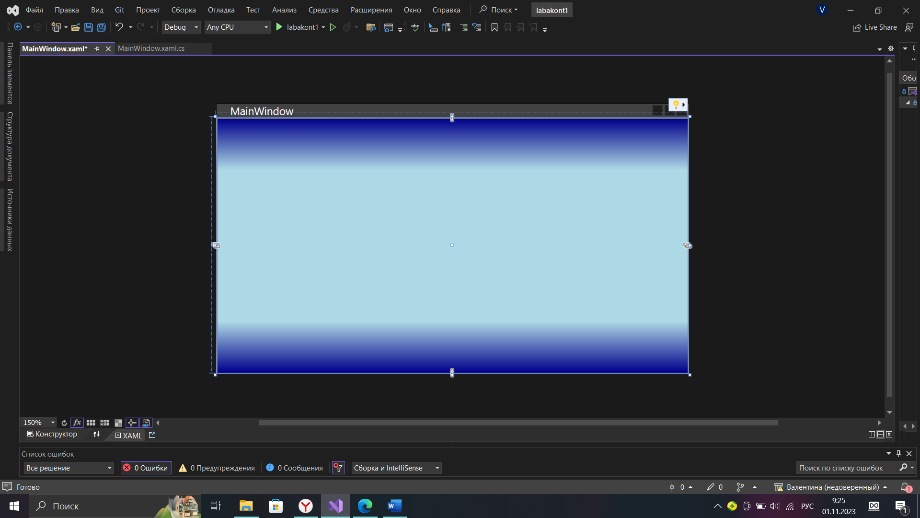
</LinearGradientBrush>

</Button.Background>

</Button>

</Grid>

</Window>



**Кнопка цветная**

<Window x:Class="labakont1.MainWindow"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:local="clr-namespace:WpfApp2"

mc:Ignorable="d"

Title="MainWindow" Height="450" Width="800">

<Grid>

<Button>

<Button.Background>

#f0f0f0

</Button.Background>

</Button>

<Button>

<Button x:Name="Btn1"

HorizontalAlignment="Left"

VerticalAlignment="Top"

Width="150"

Height="30"

FontSize="17"

Content="Обычная кнопка"

Foreground="White"

BorderBrush="#303030" Click="Btn1\_Click">

<Button.Background>

<LinearGradientBrush>

<LinearGradientBrush.GradientStops>

<GradientStop Color="LightBlue" Offset="0" />

<GradientStop Color="DarkBlue" Offset="1" />

</LinearGradientBrush.GradientStops>

</LinearGradientBrush>

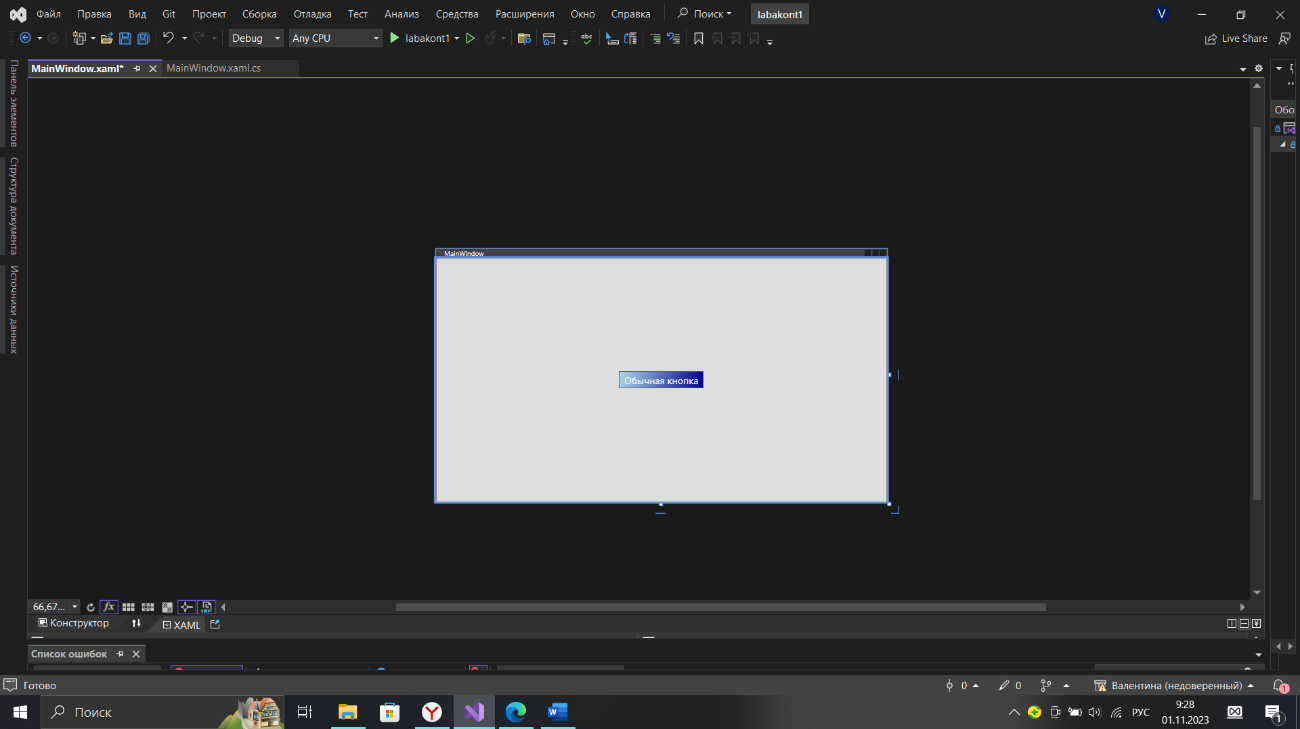
</Button.Background>

</Button>

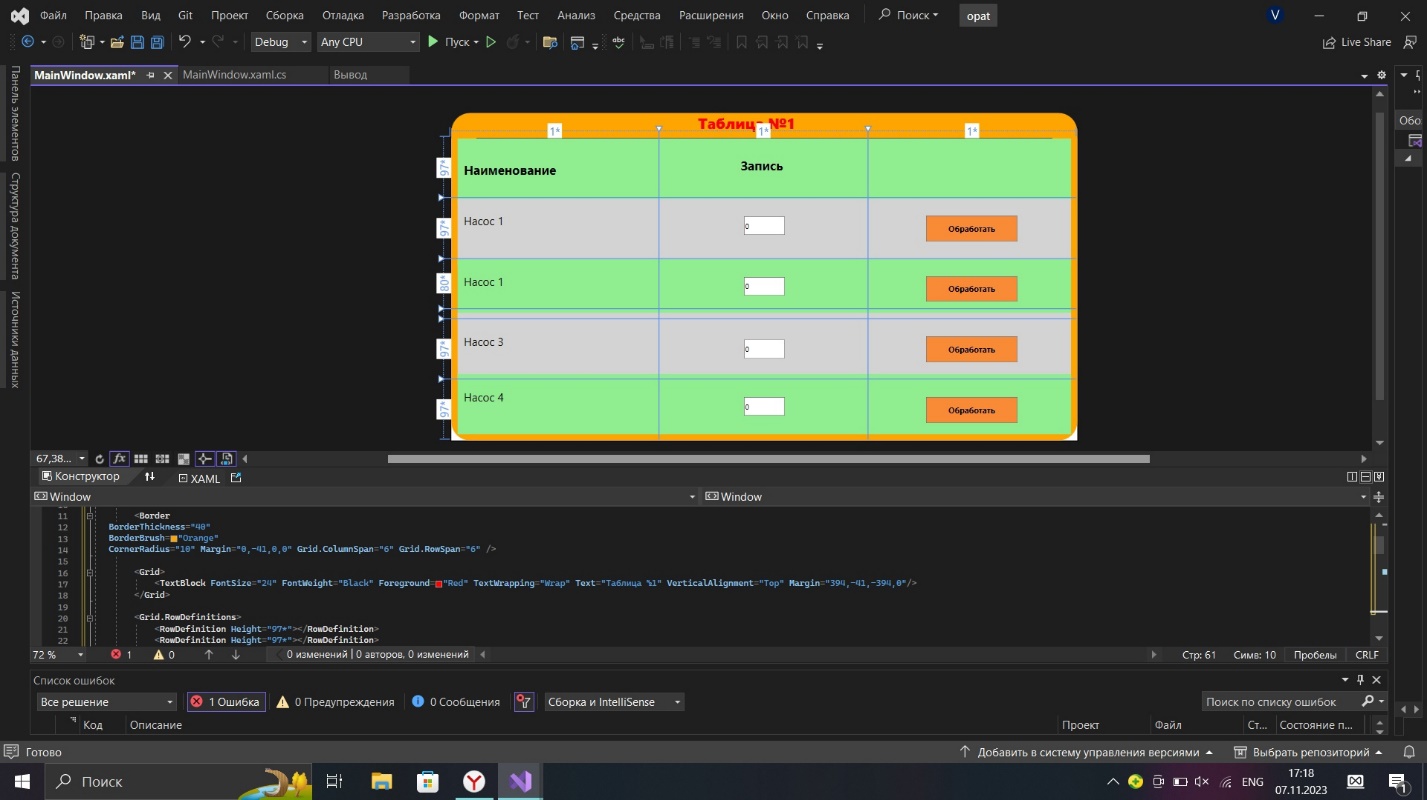
</Button>

</Grid>

</Window>



**Лабораторная №2**

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**<Border**

**BorderThickness="40"**

**BorderBrush="Orange"**

**CornerRadius="10" Margin="0,-41,0,0" Grid.ColumnSpan="6" Grid.RowSpan="6" />**

**<Grid>**

**<TextBlock FontSize="24" FontWeight="Black" Foreground="Red" TextWrapping="Wrap" Text="Таблица №1" VerticalAlignment="Top" Margin="394,-41,-394,0"/>**

**</Grid>**

**<Border Background="LightGreen" Margin="10,0,10,87" Grid.RowSpan="2" Grid.ColumnSpan="3"/>**

**<Label Grid.Column="0" Grid.Row="0" Content="Наименование" Margin="15,32,95,23" FontWeight="Bold" FontSize="20" RenderTransformOrigin="0.465,-0.005" />**

**<Border Background="LightGray" Margin="10,0,10,70" Grid.RowSpan="2" Grid.Row="1" Grid.ColumnSpan="3"/>**

**<Label Grid.Column="0" Grid.Row="1" Content="Насос 1" Margin="15,18,16,37" FontSize="18"/>**

**<Border Background="LightGreen" Grid.Row="2" Grid.ColumnSpan="3" Margin="10,0,10,0" Grid.RowSpan="2"/>**

**<Label Grid.Column="0" Grid.Row="2" Content="Насос 1" Margin="15,18,16,20" FontSize="18"/>**

**<Border Background="LightGray" Margin="10,6,10,0" Grid.RowSpan="2" Grid.Row="3" Grid.ColumnSpan="3"/>**

**<Label Grid.Column="0" Grid.Row="4" Content="Насос 3" Margin="15,18,16,37" FontSize="18"/>**

**<Border Background="LightGreen" Grid.Row="4" Margin="10,87,10,10" Grid.RowSpan="2" Grid.ColumnSpan="3"/>**

**<Label Grid.Column="0" Grid.Row="5" Content="Насос 4" Margin="15,10,27,35" FontSize="18" RenderTransformOrigin="0.501,9.021"/>**

**<Label Grid.Column="1" Grid.Row="0" Content="Запись" Margin="124,25,75,13" FontWeight="Bold" FontSize="20"/>**

**<Button Grid.Column="2" Grid.Row="1" Content="Обработать" Margin="92,27,96,28" Background="#FFF98B37" FontSize="13" FontWeight="Bold"/>**

**<Button Grid.Column="2" Grid.Row="2" Content="Обработать" Margin="92,27,96,12" Background="#FFF98B37" FontSize="13" FontWeight="Bold"/>**

**<Button Grid.Column="2" Grid.Row="4" Content="Обработать" Margin="92,27,96,28" Background="#FFF98B37" FontSize="13" FontWeight="Bold"/>**

**<Button Grid.Column="2" Grid.Row="5" Content="Обработать" Margin="92,27,96,28" Background="#FFF98B37" FontSize="13" FontWeight="Bold"/>**

**<Button Height="30" Content="0" RenderTransformOrigin="2.997,3.911" Grid.Column="1" Margin="134,28,134,39" Grid.Row="1" Background="White" HorizontalContentAlignment="Left" />**

**<Button Height="30" Content="0" RenderTransformOrigin="2.997,3.911" Grid.Column="1" Margin="134,28,134,22" Grid.Row="2" Background="White" HorizontalContentAlignment="Left" />**

**<Button Height="30" Content="0" RenderTransformOrigin="2.997,3.911" Grid.Column="1" Margin="134,32,134,35" Grid.Row="4" Background="White" HorizontalContentAlignment="Left" />**

**<Button Height="30" Content="0" RenderTransformOrigin="2.997,3.911" Grid.Column="1" Margin="134,27,134,40" Grid.Row="5" Background="White" HorizontalContentAlignment="Left" />**

**<Grid.RowDefinitions>**

**<RowDefinition Height="97\*"></RowDefinition>**

**<RowDefinition Height="97\*"></RowDefinition>**

**<RowDefinition Height="80\*"></RowDefinition>**

**<RowDefinition Height="17\*"/>**

**<RowDefinition Height="97\*"></RowDefinition>**

**<RowDefinition Height="97\*"></RowDefinition>**

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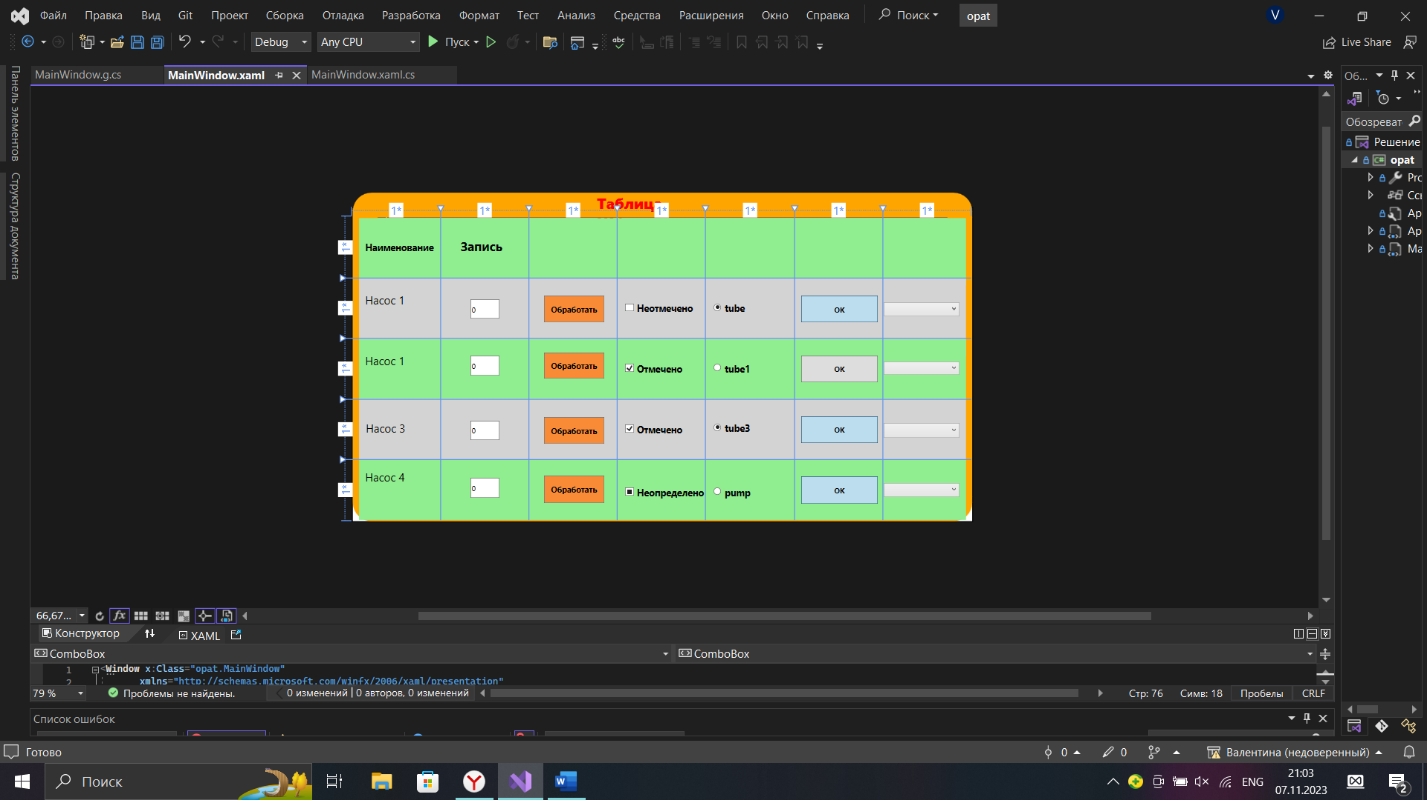
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**</Grid.ColumnDefinitions>**

**</Grid>**

**</Window>**

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<Border

BorderThickness="40"

BorderBrush="Orange"

CornerRadius="10" Margin="0,-41,0,0" Grid.ColumnSpan="7" Grid.RowSpan="5" />

<Grid Margin="0,0,0,97" Grid.RowSpan="2">

<TextBlock FontSize="24" FontWeight="Black" Foreground="Red" TextWrapping="Wrap" Text="Таблица №1" VerticalAlignment="Top" Margin="394,-41,-394,0"/>

</Grid>

<Border Background="LightGreen" Margin="10,0,10,87" Grid.RowSpan="2" Grid.ColumnSpan="7"/>

<Label Grid.Column="0" Grid.Row="0" Content="Наименование" Margin="15,32,143,23" FontWeight="Bold" FontSize="15" RenderTransformOrigin="0.465,-0.005" Grid.ColumnSpan="2" />

<Border Background="LightGray" Margin="10,0,10,70" Grid.RowSpan="2" Grid.Row="1" Grid.ColumnSpan="7"/>

<Label Grid.Column="0" Grid.Row="1" Content="Насос 1" Margin="15,18,16,37" FontSize="18"/>

<Border Background="LightGreen" Grid.Row="2" Grid.ColumnSpan="7" Margin="10,0,10,0"/>

<Label Grid.Column="0" Grid.Row="2" Content="Насос 1" Margin="15,18,16,20" FontSize="18"/>

<Border Background="LightGray" Margin="10,96,10,0" Grid.Row="2" Grid.ColumnSpan="7" Grid.RowSpan="2"/>

<Label Grid.Column="0" Grid.Row="3" Content="Насос 3" Margin="16,28,16,27" FontSize="18"/>

<Border Background="LightGreen" Grid.Row="3" Margin="10,96,10,2" Grid.RowSpan="2" Grid.ColumnSpan="7"/>

<Label Grid.Column="0" Grid.Row="5" Content="Насос 4" Margin="15,10,27,35" FontSize="18" RenderTransformOrigin="0.501,9.021"/>

<Label Grid.Column="1" Grid.Row="0" Content="Запись" Margin="26,27,10,11" FontWeight="Bold" FontSize="20"/>

<Button Grid.Column="2" Grid.Row="1" Content="Обработать" Margin="23,28,23,27" Background="#FFF98B37" FontSize="13" FontWeight="Bold"/>

<Button Grid.Column="2" Grid.Row="2" Content="Обработать" Margin="23,22,23,35" Background="#FFF98B37" FontSize="13" FontWeight="Bold"/>

<Button Grid.Column="2" Grid.Row="3" Content="Обработать" Margin="23,28,23,27" Background="#FFF98B37" FontSize="13" FontWeight="Bold"/>

<Button Grid.Column="2" Grid.Row="4" Content="Обработать" Margin="23,25,23,30" Background="#FFF98B37" FontSize="13" FontWeight="Bold"/>

<Button Content="0" RenderTransformOrigin="2.997,3.911" Grid.Column="1" Margin="47,34,49,33" Grid.Row="1" Background="White" HorizontalContentAlignment="Left" />

<Button Content="0" RenderTransformOrigin="2.997,3.911" Grid.Column="1" Margin="47,27,49,39" Grid.Row="2" Background="White" HorizontalContentAlignment="Left" />

<Button Content="0" RenderTransformOrigin="2.997,3.911" Grid.Column="1" Margin="47,34,49,33" Grid.Row="3" Background="White" HorizontalContentAlignment="Left" />

<Button Content="0" RenderTransformOrigin="2.997,3.911" Grid.Column="1" Margin="47,28,49,38" Grid.Row="4" Background="White" HorizontalContentAlignment="Left" />

<CheckBox x:Name="checkBox1" IsThreeState="True" IsChecked="False" Height="20" Content="Неотмечено" Grid.Column="3" Margin="10,39,10,39" Grid.Row="1" FontSize="15" FontWeight="Bold"/>

<CheckBox x:Name="checkBox2" IsThreeState="True" IsChecked="True" Height="20" Content="Отмечено" FontSize="15" FontWeight="Bold" Grid.Column="3" Margin="10,39,10,40" Grid.Row="2"/>

<CheckBox x:Name="checkBox3" IsThreeState="True" IsChecked="True" Height="20" Content="Отмечено" FontSize="15" FontWeight="Bold" Grid.Column="3" Margin="10,39,23,39" Grid.Row="3"/>

<CheckBox x:Name="checkBox4" IsThreeState="True" IsChecked="{x:Null}" Height="20" Content="Неопределено" FontWeight="Bold" FontSize="15" Grid.Column="3" Margin="10,43,0,35" Grid.Row="4"/>

<RadioButton GroupName="spareparts" Content="tube" IsChecked="True" Height="20" Grid.Column="4" Grid.ColumnSpan="2" Margin="10,39,133,39" Grid.Row="1" FontWeight="Bold" FontSize="15"/>

<RadioButton GroupName="spareparts" Content="tube1" Height="20" Grid.Column="4" Grid.ColumnSpan="2" Margin="10,39,133,40" Grid.Row="2" FontWeight="Bold" FontSize="15"/>

<RadioButton GroupName="spareparts1" Content="tube3" IsChecked="True" Height="20" Grid.Column="4" Grid.ColumnSpan="2" Margin="10,37,133,41" Grid.Row="3" FontWeight="Bold" FontSize="15"/>

<RadioButton GroupName="spareparts1" Content="pump" Height="20" Grid.Column="4" Grid.ColumnSpan="2" Margin="10,43,133,35" Grid.Row="4" FontWeight="Bold" FontSize="15"/>

<ToggleButton x:Name="tgButton1" Content="OK" IsChecked="True" Grid.Column="5" Margin="10,28,10,27" Grid.Row="1" FontWeight="Bold"/>

<ToggleButton x:Name="tgButton2" Content="OK" IsChecked="False" Grid.Column="5" Margin="10,27,10,29" Grid.Row="2" FontWeight="Bold"/>

<ToggleButton x:Name="tgButton3" Content="OK" IsChecked="True" Grid.Column="5" Margin="10,27,10,28" Grid.Row="3" FontWeight="Bold"/>

<ToggleButton x:Name="tgButton4" Content="OK" IsChecked="True" Grid.Column="5" Margin="10,26,10,28" Grid.Row="4" FontWeight="Bold"/>

<ComboBox Grid.Column="5" Margin="143,38,20,37" Grid.Row="1" Grid.ColumnSpan="2" FontWeight="Bold">

<TextBlock>adapter</TextBlock>

<TextBlock>pump housing</TextBlock>

<TextBlock>the impeller</TextBlock>

<TextBlock>electric motor</TextBlock>

</ComboBox>

<ComboBox Grid.Column="5" Margin="143,36,20,40" Grid.Row="2" Grid.ColumnSpan="2" FontWeight="Bold">

<TextBlock>adapter</TextBlock>

<TextBlock>pump housing</TextBlock>

<TextBlock>the impeller</TextBlock>

<TextBlock>electric motor</TextBlock>

</ComboBox>

<ComboBox Grid.Column="5" Margin="143,38,20,37" Grid.Row="3" Grid.ColumnSpan="2" FontWeight="Bold">

<TextBlock>adapter</TextBlock>

<TextBlock>pump housing</TextBlock>

<TextBlock>the impeller</TextBlock>

<TextBlock>electric motor</TextBlock>

</ComboBox>

<ComboBox Grid.Column="5" Margin="143,36,20,39" Grid.Row="4" Grid.ColumnSpan="2" FontWeight="Bold">

<TextBlock>adapter</TextBlock>

<TextBlock>pump housing</TextBlock>

<TextBlock>the impeller</TextBlock>

<TextBlock>electric motor</TextBlock>

</ComboBox>

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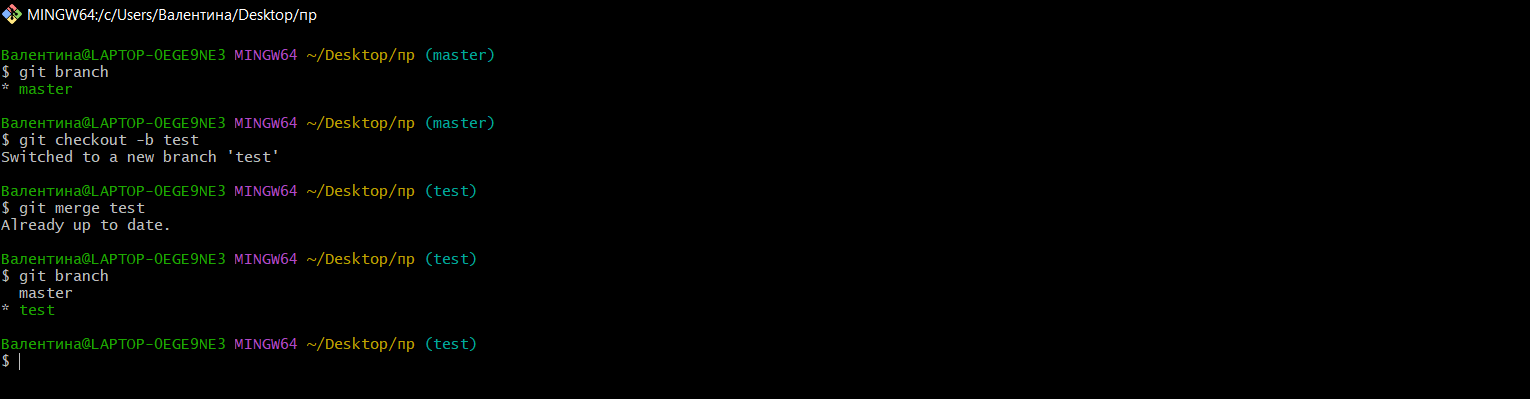
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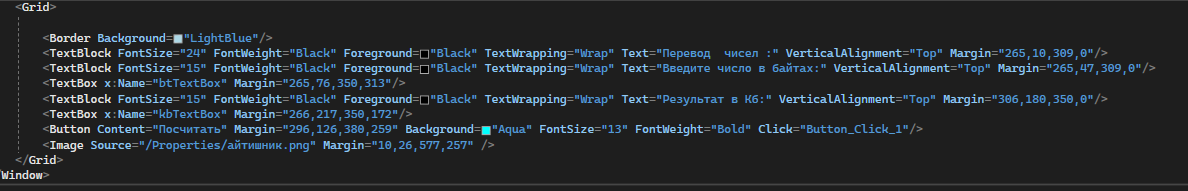
</Grid>

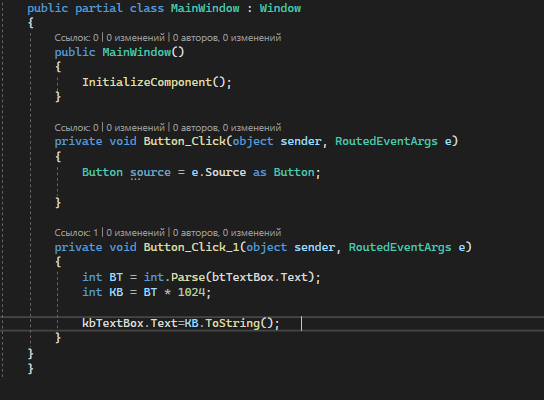
</Window>

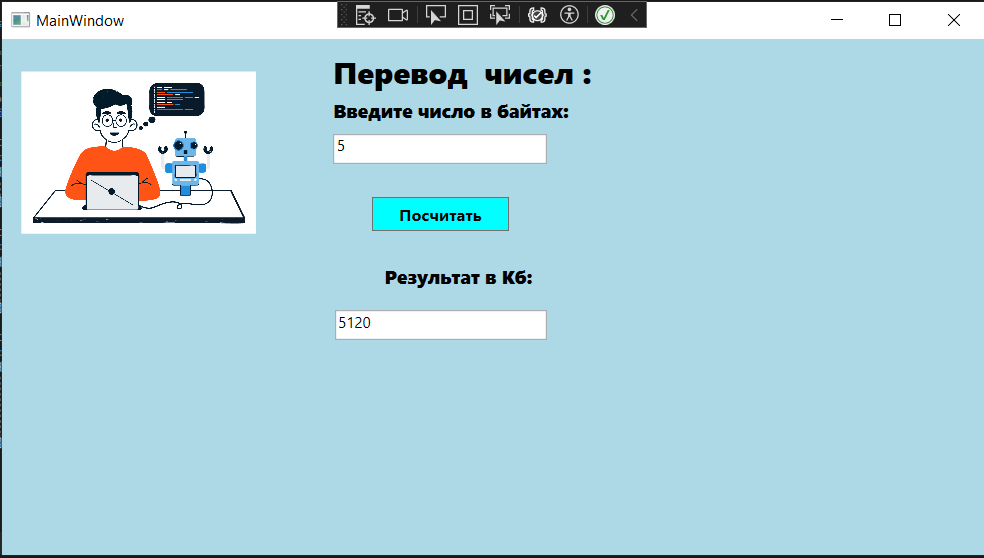
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**Задание для выполнения.**

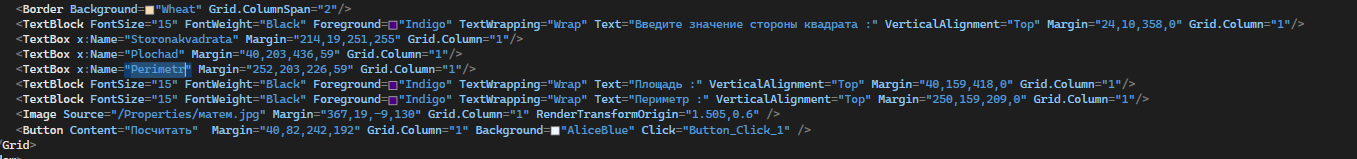
**6 Вариант.**

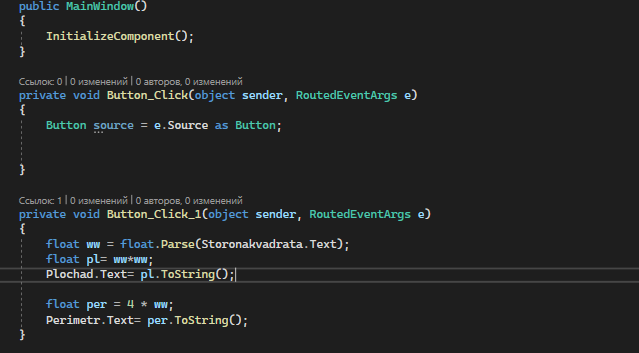
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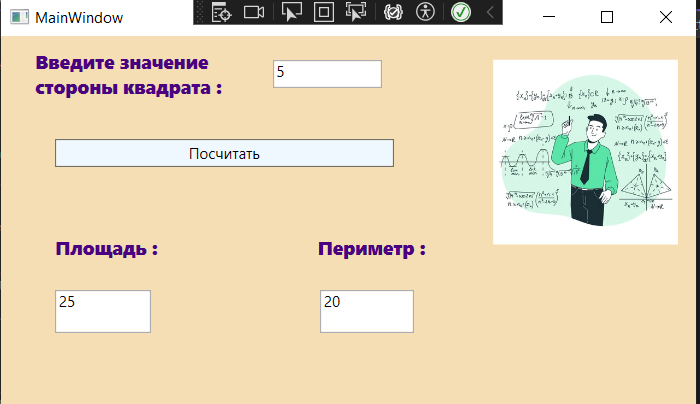
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**2 Вариант.**

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