Чупеев Лаб 8

using System;  
using System.Security.Policy;  
using System.Windows;  
using System.Windows.Input;  
using System.Windows.Media;  
  
namespace Task\_1  
{  
 */// <summary>*  
 */// Interaction logic for MainWindow.xaml*  
 */// </summary>*  
public partial class MainWindow  
 {  
 public MainWindow()  
 {  
 InitializeComponent();  
 }  
  
 private int \_colorNumber = 0;  
 private int \_cursorNumber = 0;  
 private void Step1\_OnClick(object sender, RoutedEventArgs e)  
 {  
 if (Step2.Visibility == Visibility.**Visible** && Step3.Visibility == Visibility.**Visible**)  
 {  
 Step2.Visibility = Visibility.**Hidden**;  
 }  
 else  
 {  
 Step2.Visibility = Step2.Visibility == Visibility.**Hidden** ? Visibility.**Visible** : Visibility.**Hidden**;  
 Step3.Visibility = Step3.Visibility == Visibility.**Hidden** ? Visibility.**Visible** : Visibility.**Hidden**;  
 }  
 }  
  
 private void Step2\_OnClick(object sender, RoutedEventArgs e)  
 {  
 var window = Window.GetWindow(this);  
 if (window.Width > 500 && window.Height > 300)  
 {  
 window.Left += 5;  
 window.Top += 5;  
 window.Height -= 10;  
 window.Width -= 10;  
 }  
 }  
  
 private void Step3\_OnClick(object sender, RoutedEventArgs e)  
 {  
 var arrayOfColors = new Brush[] { Brushes.Red, Brushes.Blue, Brushes.Green, Brushes.Purple, Brushes.Aqua };  
 if (Keyboard.IsKeyDown(Key.**LeftShift**) == false)  
 {  
 \_colorNumber++;  
 if (\_colorNumber > 4) \_colorNumber = 0;  
 var window = Window.GetWindow(this);  
 Application.Current.MainWindow.Background = arrayOfColors[\_colorNumber];  
 }  
 else  
 {  
 \_colorNumber--;  
 if (\_colorNumber < 0) \_colorNumber = 4;  
 Application.Current.MainWindow.Background = arrayOfColors[\_colorNumber];  
 }  
 if (Keyboard.IsKeyDown(Key.**LeftCtrl**)) Application.Current.MainWindow.Background = Brushes.White;  
 }  
  
 private void Step4\_OnClick(object sender, RoutedEventArgs e)  
 {  
 var arrayOfCursors= new Cursor[] { Cursors.Arrow, Cursors.Hand, Cursors.Cross, Cursors.Help, Cursors.Pen };  
 \_cursorNumber++;  
 if (\_cursorNumber > 4) \_cursorNumber = 0;  
 Application.Current.MainWindow.Cursor = arrayOfCursors[\_cursorNumber];  
 }  
  
  
 private void MainWindow\_OnMouseLeftButtonDown(object sender, MouseButtonEventArgs e)  
 {  
 Step2.Visibility = Visibility.**Visible**;   
 Step3.Visibility = Visibility.**Visible**;  
 if (e.ClickCount >= 2) this.Close();  
 }  
 private void Window\_Close(object sender, ExecutedRoutedEventArgs e)  
 {  
 this.Close();  
 }  
 private void Window\_Start(object sender, ExecutedRoutedEventArgs e)  
 {  
 Step2.Visibility = Visibility.**Visible**;   
 Step3.Visibility = Visibility.**Visible**;  
 }  
 }  
}

<Window x:Class="Task\_1.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:Task\_1"  
 mc:Ignorable="d"  
 Padding="10"  
 Background="Red"  
 MouseLeftButtonDown="MainWindow\_OnMouseLeftButtonDown"  
 Title="MainWindow" Height="350" Width="525">  
 <Window.Resources>  
 <ResourceDictionary>  
 <RoutedUICommand x:Key="Close1"/>  
 <RoutedUICommand x:Key="Start1"/>  
 </ResourceDictionary>  
 </Window.Resources>  
 <Window.InputBindings>  
 <KeyBinding Gesture="ALT+X" Command="{StaticResource Close1}" />  
 <KeyBinding Gesture="ALT+I" Command="{StaticResource Start1}" />  
 </Window.InputBindings>  
 <Window.CommandBindings>  
 <CommandBinding Command="{StaticResource Close1}" Executed="Window\_Close" />  
 <CommandBinding Command="{StaticResource Start1}" Executed="Window\_Start" />  
 </Window.CommandBindings>  
 <Grid>  
 <Button Width="200"   
 Height="50"  
 Content="Шаг 1"  
 VerticalAlignment="**Top**"  
 Click="Step1\_OnClick"  
 ToolTip="Менять состояние"  
 x:Name="Step1"></Button>  
 <Button Width="200"   
 Height="50"  
 Content="Шаг 2"  
 VerticalAlignment="**Center**"  
 HorizontalAlignment="**Right**"  
 Click="Step2\_OnClick"  
 ToolTip="Сжать"  
 x:Name="Step2"></Button>  
 <Button Width="200"   
 Height="50"  
 VerticalAlignment="**Bottom**"  
 Content="Шаг 3"  
 Click="Step3\_OnClick"  
 ToolTip="менять цвет"  
 x:Name="Step3"></Button>  
 <Button Width="200"   
 Height="50"  
 VerticalAlignment="**Center**"  
 HorizontalAlignment="**Left**"  
 Click="Step4\_OnClick"  
 ToolTip="меня курсор"  
 Content="Шаг 4"  
 x:Name="Step4"></Button>  
 </Grid>  
</Window>