

```
1 <Application x:Class="_2024_WpfApp4.App"
2             xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
3             xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
4             xmlns:local="clr-namespace:_2024_WpfApp4"
5             StartupUri="MainWindow.xaml">
6     <Application.Resources>
7
8     </Application.Resources>
9 </Application>
10
```

```

1 <Window x:Class="_2024_WpfApp4.MainWindow"
2     xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
3     xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
4     xmlns:d="http://schemas.microsoft.com/expression/blend/2008"
5     xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"
6     xmlns:local="clr-namespace:_2024_WpfApp4"
7     xmlns:xctk="http://schemas.xceed.com/wpf/xaml/toolkit"
8     mc:Ignorable="d"
9     Title="2024 WPF Painter Ver1" Height="650" Width="1000">
10 <DockPanel LastChildFill="False">
11     <Menu Height="30" DockPanel.Dock="Top">
12         <MenuItem Header="檔案" FontSize="14" Height="28"
13             VerticalAlignment="Center">
14             <MenuItem Header="開新檔案" FontSize="14" Height="28"
15                 VerticalAlignment="Center"/>
16             <MenuItem Header="開啟舊檔" FontSize="14" Height="28"
17                 VerticalAlignment="Center"/>
18             <MenuItem Header="儲存檔案" FontSize="14" Height="28"
19                 VerticalAlignment="Center"/>
20             <MenuItem Header="另存新檔" FontSize="14" Height="28"
21                 VerticalAlignment="Center"/>
22             <MenuItem Header="結束" FontSize="14" Height="28"
23                 VerticalAlignment="Center"/>
24         </MenuItem>
25     </Menu>
26 <ToolBarTray Height="40" DockPanel.Dock="Top">
27     <ToolBar Height="38" Background="#FFF1C0" Margin="0,0,9,0">
28         <Label Content="筆刷顏色" Width="65"
29             VerticalContentAlignment="Center" FontWeight="Bold"
30             FontSize="14"/>
31         <xctk:ColorPicker x:Name="strokeColorPicker" Width="55"
32             DisplayColorAndName="True"/>
33         <Label Content="填滿" Width="40" VerticalContentAlignment="Center"
34             FontWeight="Bold" FontSize="14"/>
35         <xctk:ColorPicker x:Name="fillColorPicker" Width="62"
36             DisplayColorAndName="True"/>
37         <Slider x:Name="strokeThicknessSlider" Width="176"
38             VerticalAlignment="Center" Minimum="1" Maximum="10" Value="1"
39             TickFrequency="1" IsSnapToTickEnabled="True"
40             ValueChanged="strokeThicknessSlider_ValueChanged"/>
41         <Label Width="46" VerticalContentAlignment="Center"
42             FontWeight="Bold" FontSize="14" Margin="10,0,0,0"
43             HorizontalContentAlignment="Center" Content="{Binding Value,
44                 ElementName=strokeThicknessSlider}"/>
45     </ToolBar>
46 <ToolBar Width="300" Background="#FFB9D5FD">
47     <RadioButton Width="38" Height="38" Click="ShapeButton_Click"
48         Tag="line">
49         <Image Height="32" Width="32" Source="/line.png"/>
50     </RadioButton>
51     <RadioButton Width="38" Height="38" Click="ShapeButton_Click"
52         Tag="rectangle">
53         <Image Height="32" Width="32" Source="/rectangle.png"/>

```

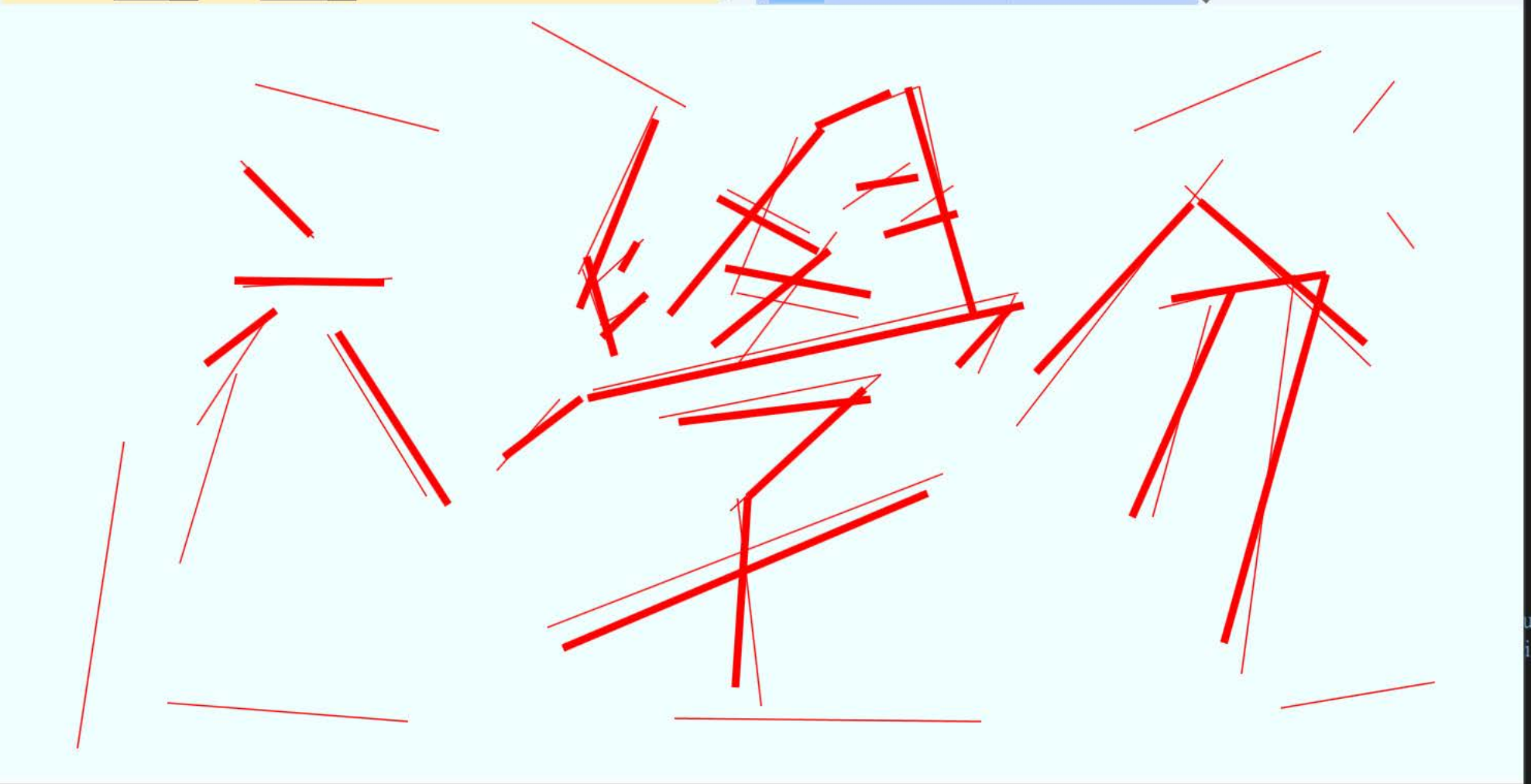
```
35         </RadioButton>
36         <RadioButton Width="38" Height="38" Click="ShapeButton_Click"
           Tag="ellipse" >
37             <Image Height="32" Width="32" Source="/ellipse.png"/>
38         </RadioButton>
39         <RadioButton Width="38" Height="38" Click="ShapeButton_Click"
           Tag="polyline" >
40             <Image Height="32" Width="32" Source="/polyline.png"/>
41         </RadioButton>
42         <Separator/>
43     </ToolBar>
44 </ToolBarTray>
45 <Canvas x:Name="myCanvas" DockPanel.Dock="Top" Height="500"
           Background="Azure" MouseEnter="myCanvas_MouseEnter"
           MouseLeftButtonDown="myCanvas_MouseLeftButtonDown"
           MouseMove="myCanvas_MouseMove"
           MouseLeftButtonUp="myCanvas_MouseLeftButtonUp"/>
46 <StatusBar Height="40" DockPanel.Dock="Bottom" Background="LightGray">
47     <StatusBarItem>
48         <Label x:Name="shapeLabel" Content="Ready" Width="100"/>
49     </StatusBarItem>
50     <StatusBarItem>
51         <Label Name="pointLabel" Content="" Width="150"/>
52     </StatusBarItem>
53 </StatusBar>
54 </DockPanel>
55 </Window>
56
```

```
1  using System.Windows;
2  [assembly: ThemeInfo(
3      ResourceDictionaryLocation.None,
4      ResourceDictionaryLocation.SourceAssembly
5  )]
6
```

檔案

筆刷顏色 Red color swatch F Fill color swatch 填滿 Slider 5

Line style buttons: 線 (selected), 方, 圓, 接



line (798, 183) - (505, 115)