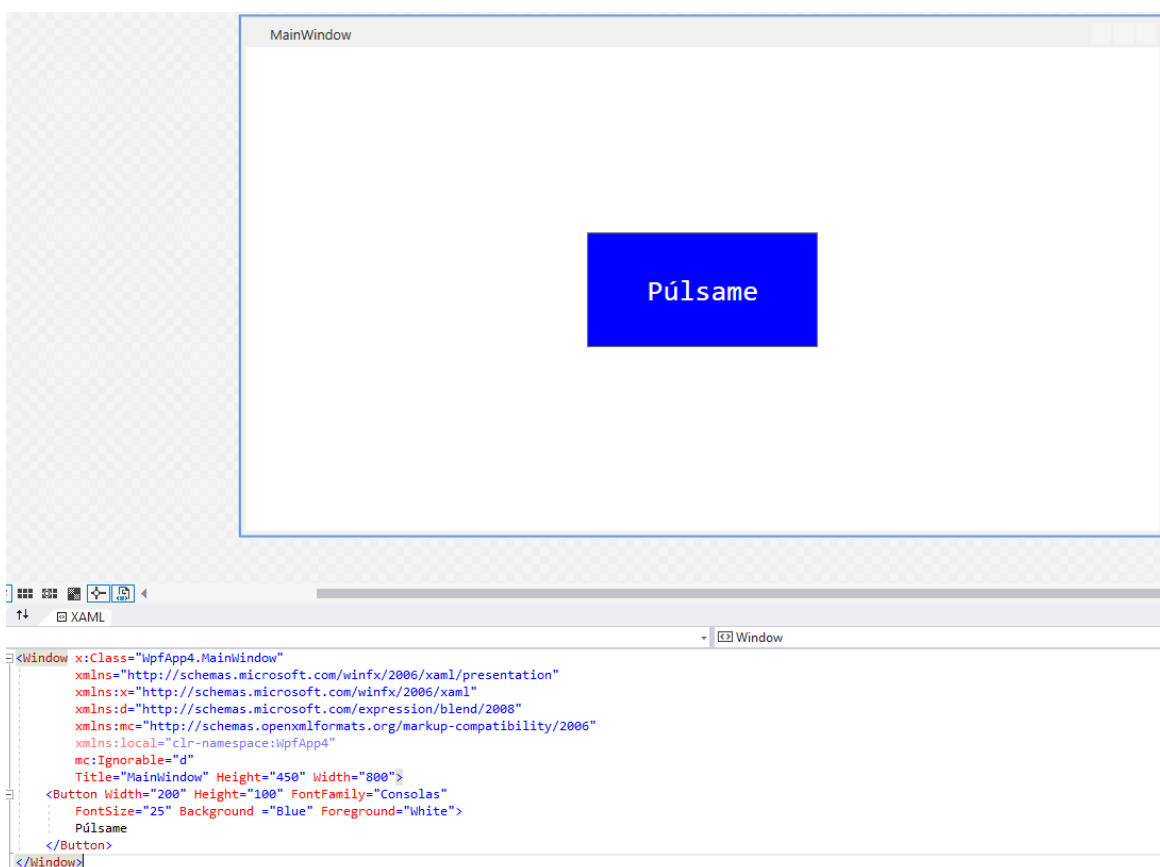


En la clase de hoy vamos a realizar una práctica individual de diseño de interfaces de todos los principales componentes que nos ofrece Visual Studio para WPF.

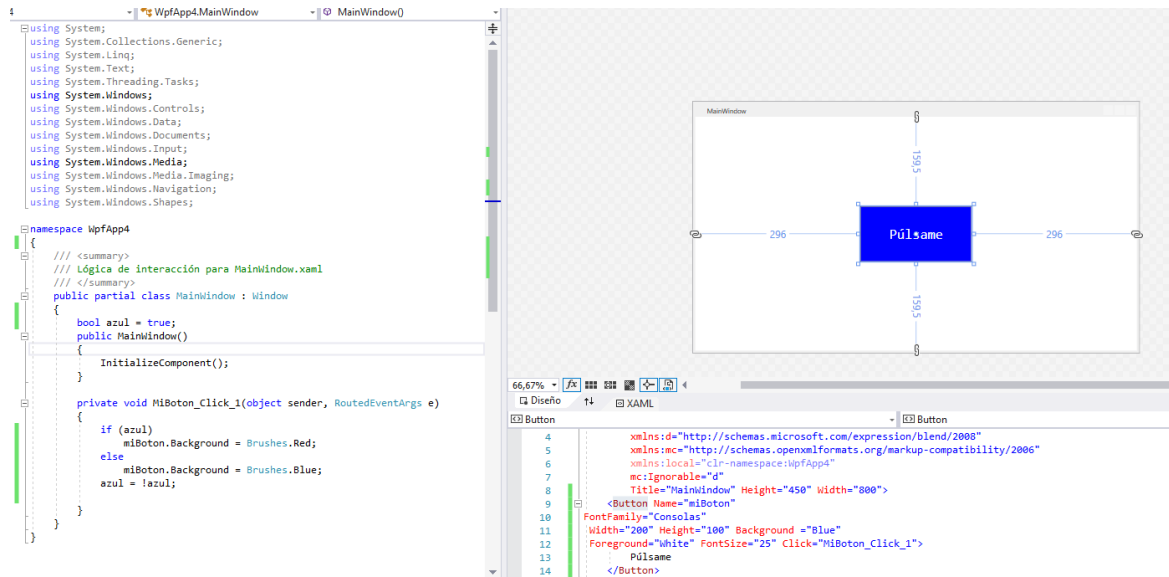
Deberás de incluir capturas de tu trabajo realizado además del código en cuestión.

1. Elabora los siguientes elementos:

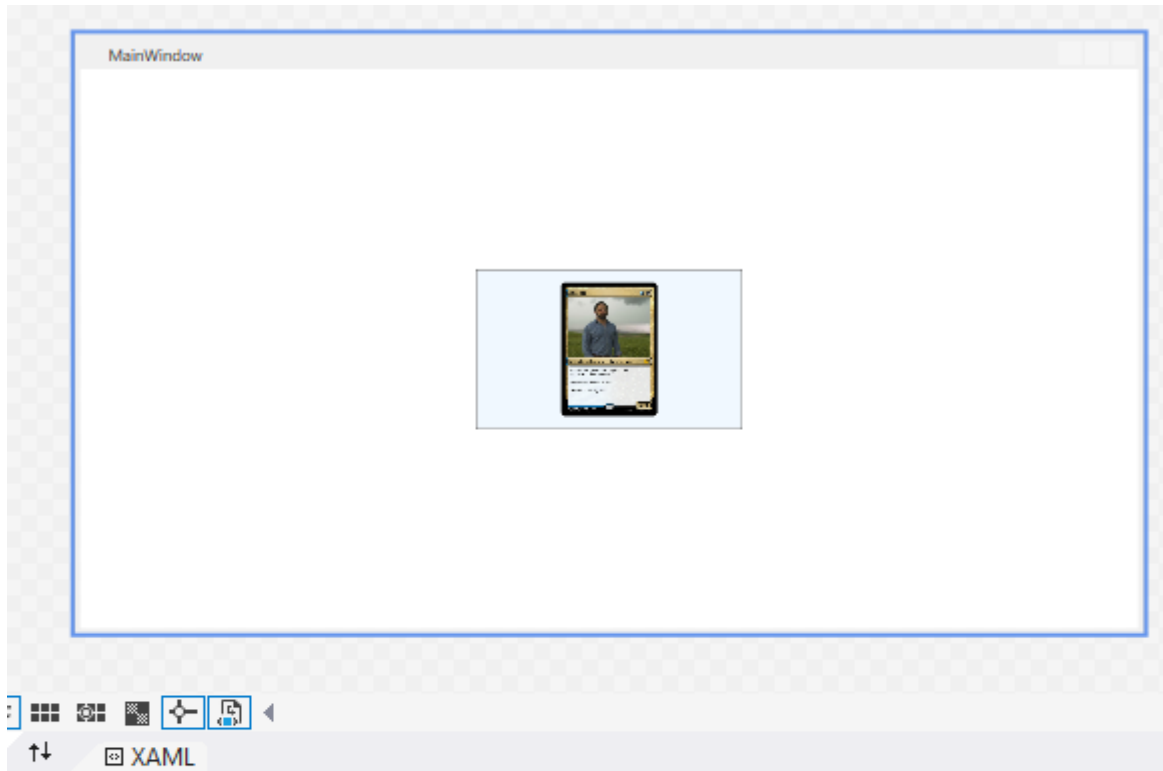
a. Botón sin acción asociada



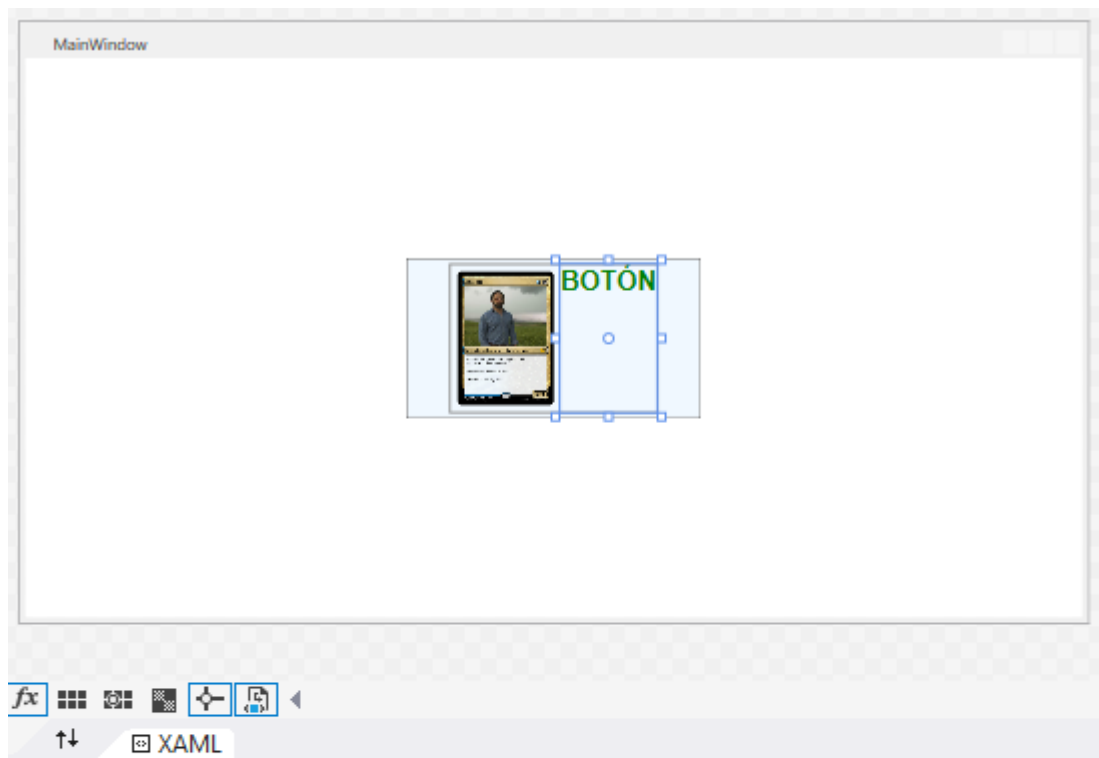
b. Botón con manejador de evento



c. Botón con imagen en su interior

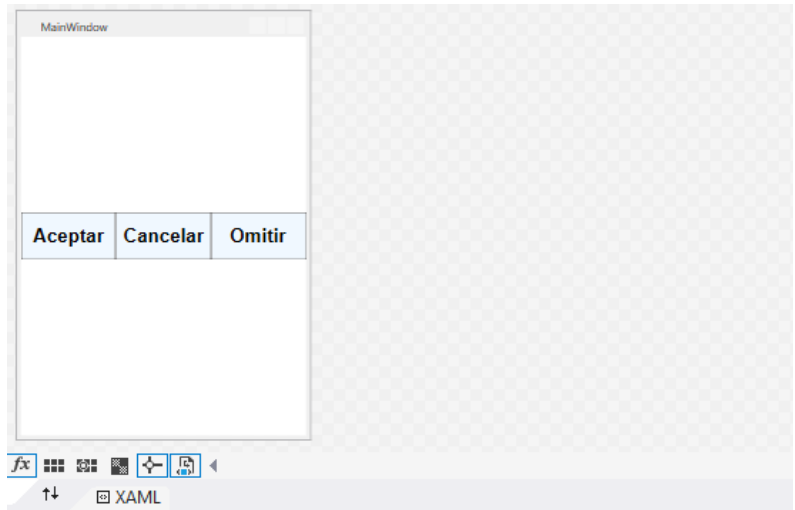


d. Botón con imagen y texto en su interior (con dockpanel)

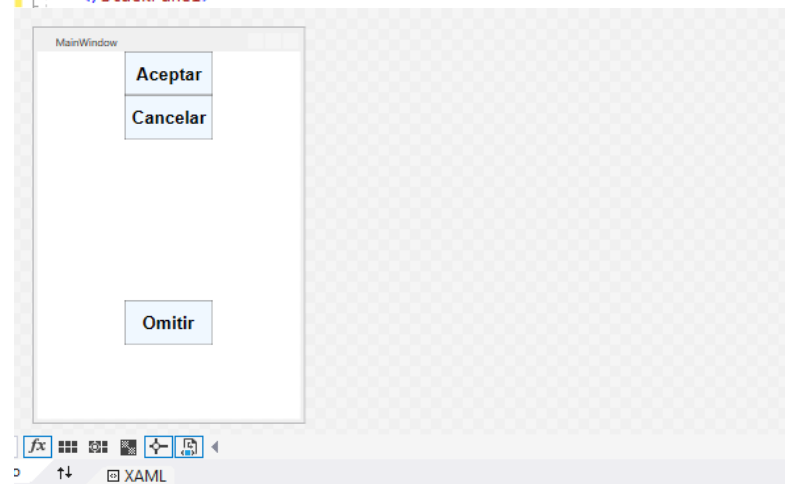


```
<Button Width="220" Height="120" Background="AliceBlue">
  <DockPanel>
    <Image Source="Abascal.png" Height="100"
Margin="5"/>
    <TextBlock FontFamily="Arial" FontSize="20"
FontWeight="Bold"
Foreground="Green">
      BOTÓN
    </TextBlock>
  </DockPanel>
</Button>
</Window>
```

e. Stack Panel Horizontal y Vertical con tres botones

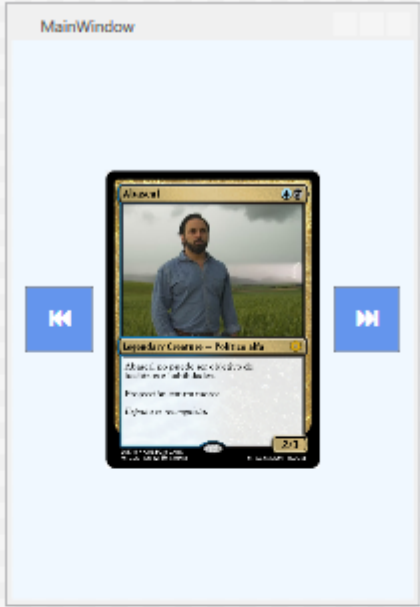


```
xmlns:d="http://schemas.microsoft.com/expression/blend/2008"
xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"
xmlns:local="clr-namespace:WpfApp4"
mc:Ignorable="d"
Title="MainWindow" Height="450" Width="308">
  <StackPanel Orientation="Horizontal">
    <Button Width="100" Height="50"
      Background="AliceBlue" FontFamily="Arial"
      FontSize="20" FontWeight="Bold">
      Aceptar
    </Button>
    <Button Width="100" Height="50"
      Background="AliceBlue" FontFamily="Arial"
      FontSize="20" FontWeight="Bold">
      Cancelar
    </Button>
    <Button Width="100" Height="50"
      Background="AliceBlue" FontFamily="Arial"
      FontSize="20" FontWeight="Bold" Content="Omitir" Margin="0,184,0,185"/>
  </StackPanel>
```



```
xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"
xmlns:local="clr-namespace:WpfApp4"
mc:Ignorable="d"
Title="MainWindow" Height="450" Width="308">
  <StackPanel Orientation="Vertical">
    <Button Width="100" Height="50"
      Background="AliceBlue" FontFamily="Arial"
      FontSize="20" FontWeight="Bold">
      Aceptar
    </Button>
    <Button Width="100" Height="50"
      Background="AliceBlue" FontFamily="Arial"
      FontSize="20" FontWeight="Bold">
      Cancelar
    </Button>
    <Button Width="100" Height="50"
      Background="AliceBlue" FontFamily="Arial"
      FontSize="20" FontWeight="Bold" Content="Omitir" Margin="0,184,0,185"/>
  </StackPanel>
</Window>
```

f. Dock Panel con botones e imágenes como contenido

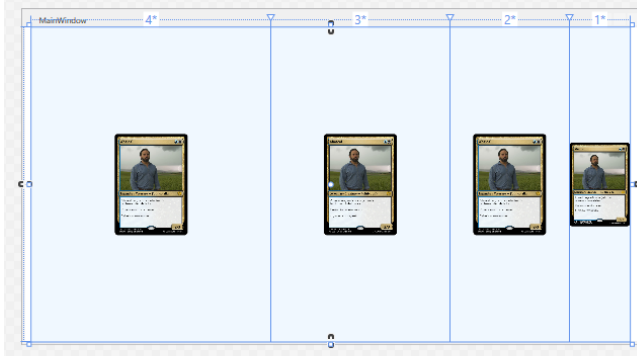


The screenshot shows a WPF application window titled 'MainWindow' with a light blue background. In the center is a card-like image of a man in a field. To the left and right of the image are two blue buttons with white double arrows pointing left and right respectively. Below the image is a text box with some placeholder text.

```

9      <DockPanel LastChildFill="True" Background="AliceBlue">
10          <Button DockPanel.Dock="Left" Width="50" Height="50"
11              Background="CornflowerBlue" FontFamily="Webdings"
12              FontSize="20" FontWeight="Bold"
13              Foreground="White" Margin="10,0,0,0">
14              9
15          </Button>
16          <Button DockPanel.Dock="Right" Width="50" Height="50"
17              Background="CornflowerBlue" FontFamily="Webdings"
18              FontSize="20" FontWeight="Bold"
19              Foreground="White" Margin="0,0,10,0">
20              :
21          </Button>
22          <Image Source="Abascal.png" Margin="10"></Image>
23      </DockPanel>
  
```

g. Grid con 4 columnas con el ancho (40, 30, 20, 10) e imagen

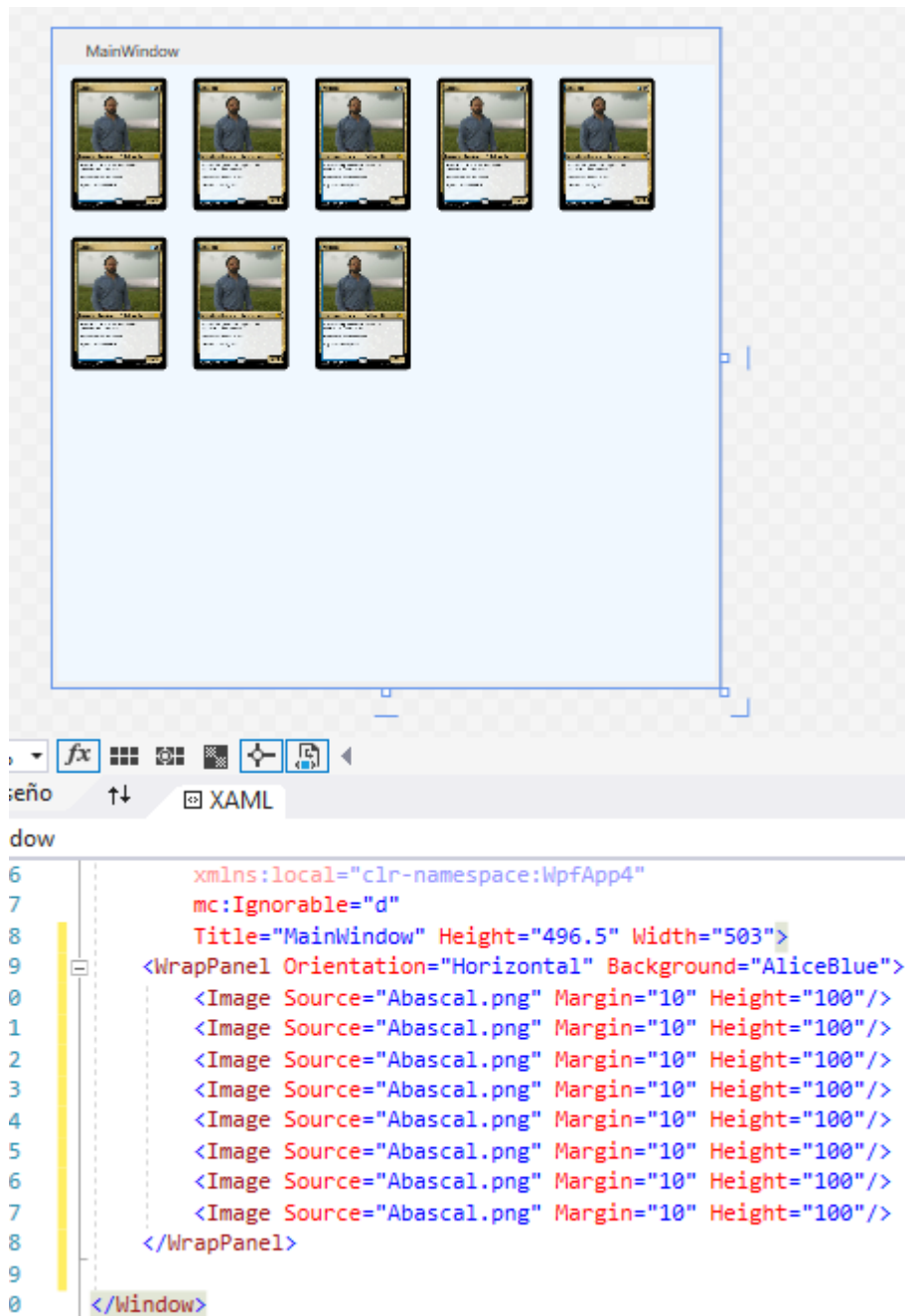


The screenshot shows a WPF application window titled 'MainWindow' with a light blue background. It contains a grid with four columns of different widths. Each column contains a small image of a man in a field. The widths of the columns are indicated by dimension lines at the top: 4", 3", 2", and 1".

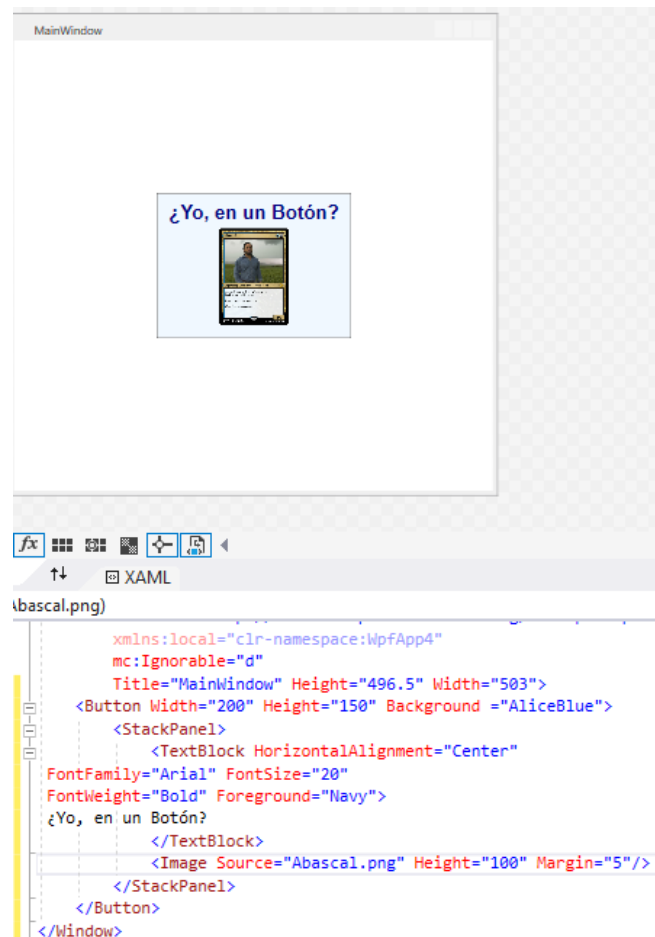
```

<Grid ShowGridLines="True" HorizontalAlignment="Center"
    VerticalAlignment="Center" Background="AliceBlue"
    Height="466" Width="886" Margin="10,0,16,-1">
    <Grid.ColumnDefinitions>
        <ColumnDefinition Width="4"/>
        <ColumnDefinition Width="3"/>
        <ColumnDefinition Width="2"/>
        <ColumnDefinition Width="1"/>
    </Grid.ColumnDefinitions>
    <Image Height="150" Grid.Column="0" Source="Abascal.png"/>
    <Image Height="150" Grid.Column="1" Source="Abascal.png"/>
    <Image Height="150" Grid.Column="2" Source="Abascal.png"/>
    <Image Height="150" Grid.Column="3" Source="Abascal.png"/>
</Grid>
</Window>
  
```

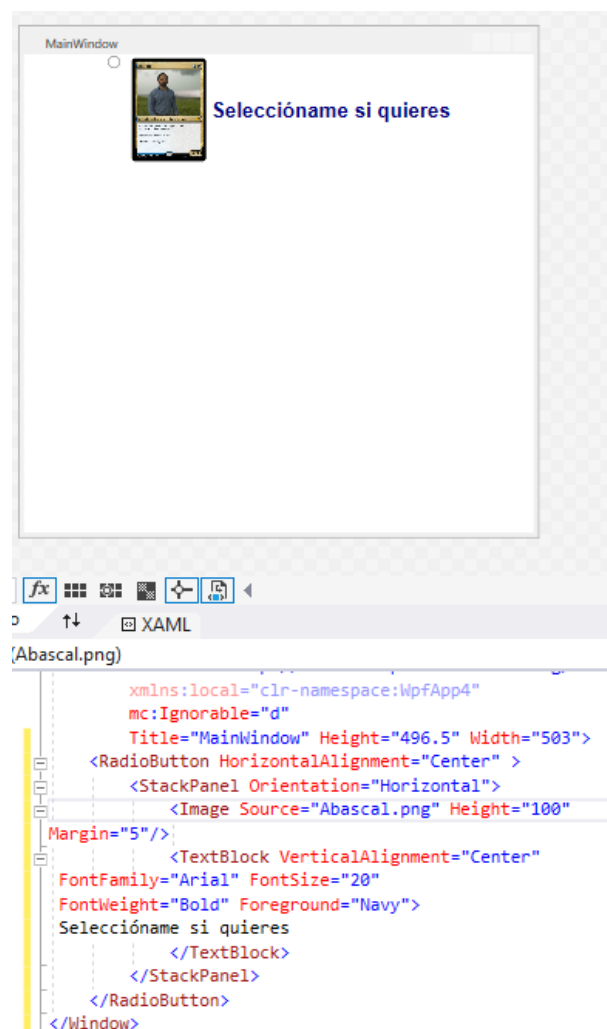
h. WrapPanel con imágenes que superen el ancho de la ventana



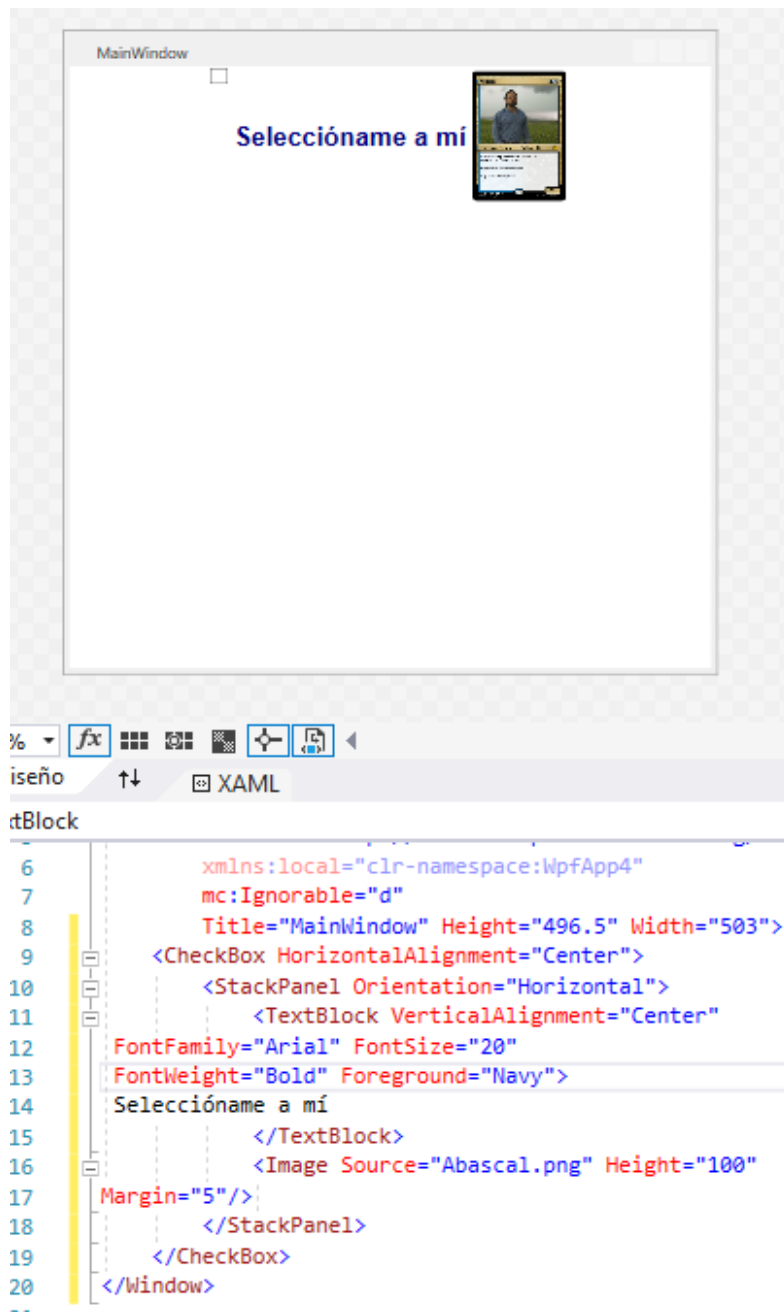
i. Ventana con botón e imagen



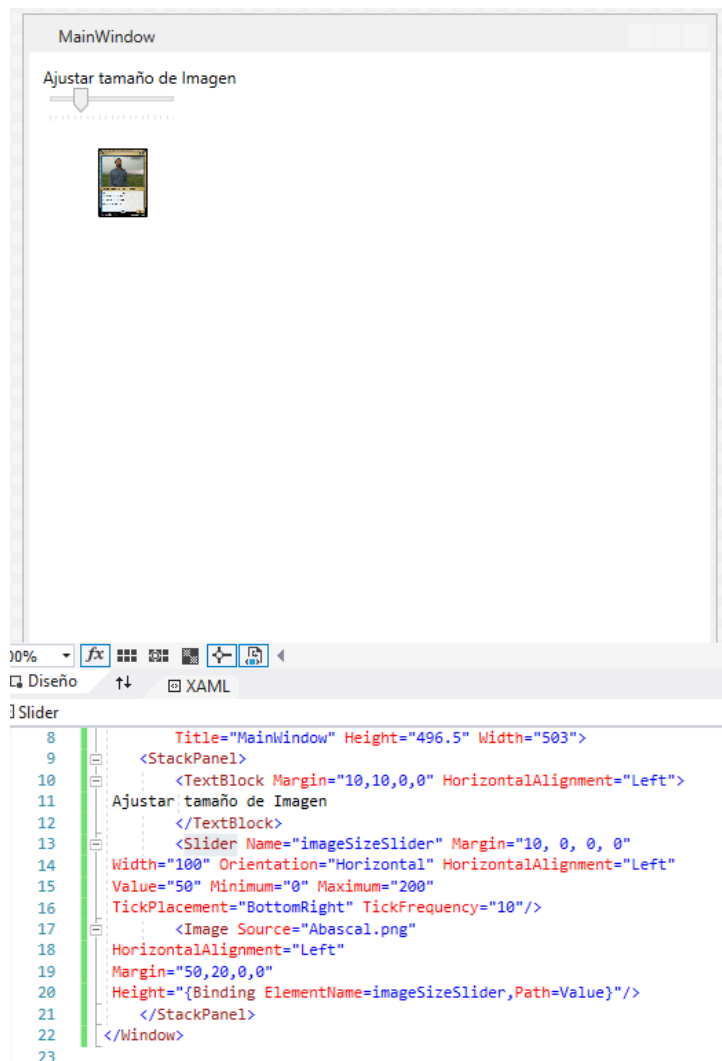
j. Ventana con imagen y radio button



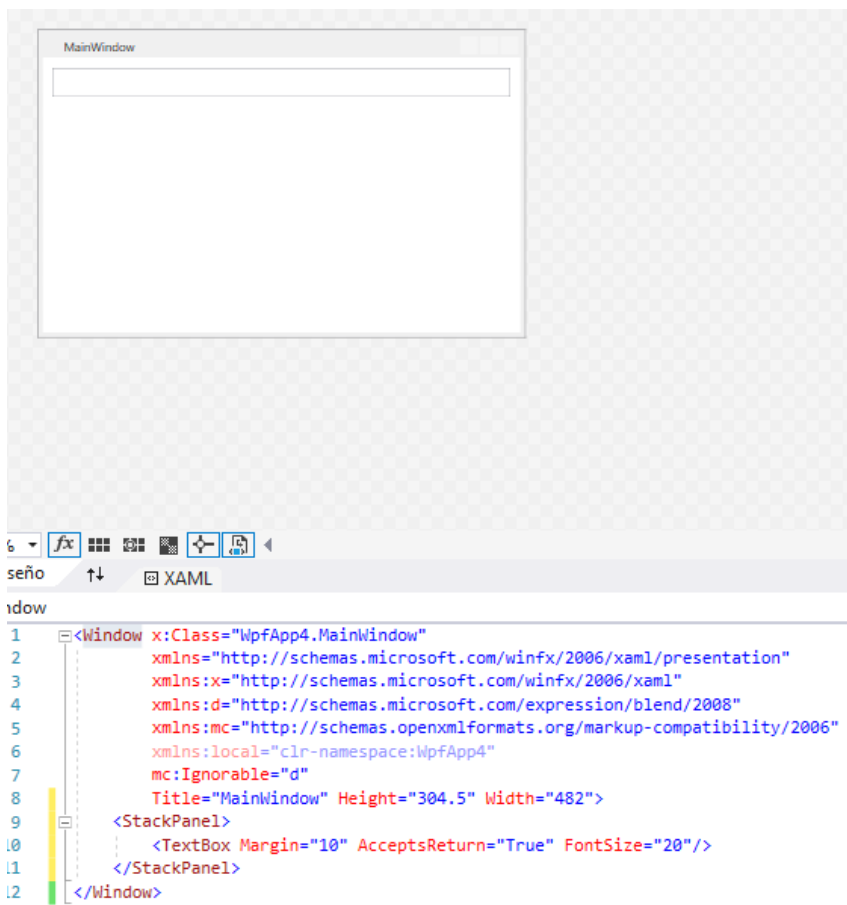
k. Ventana con imagen y checkbox



I. Ventana con imagen asociada a slider



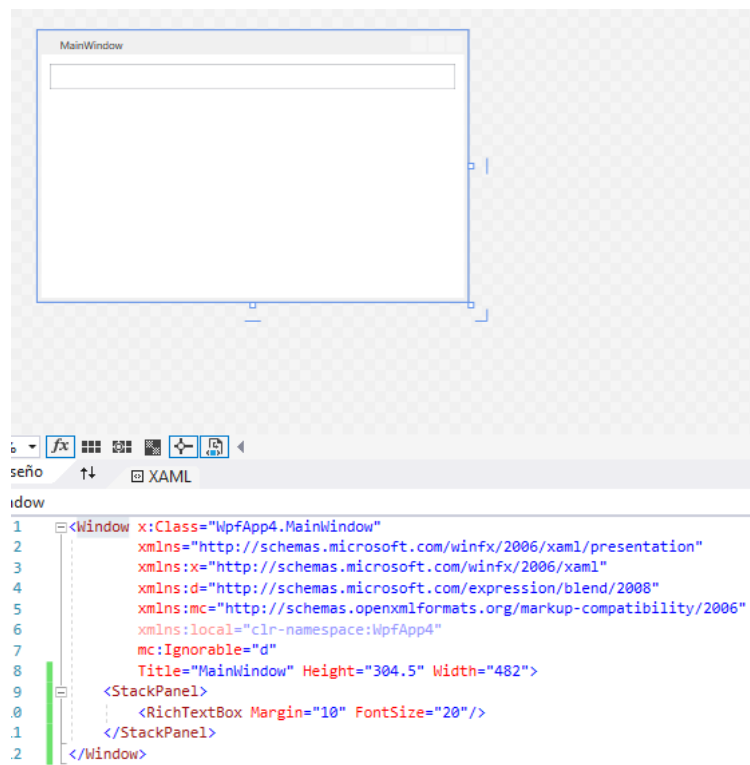
m. Ventana con Textbox



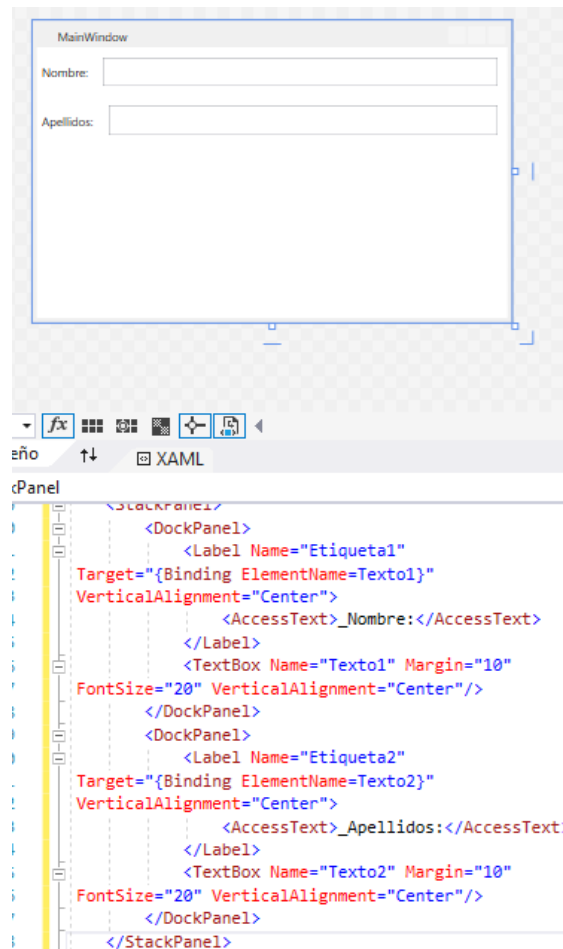
n. Ventana con Password



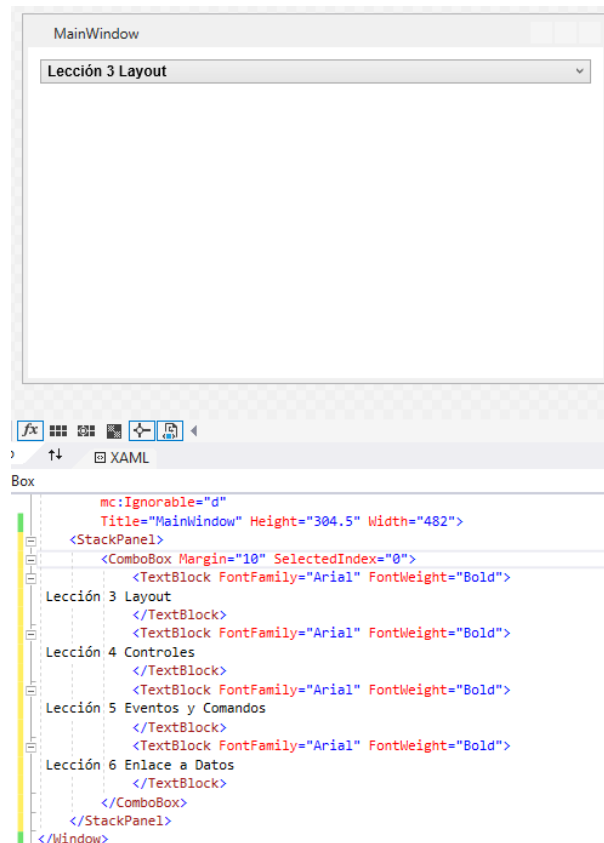
o. Ventana con Richtextbox



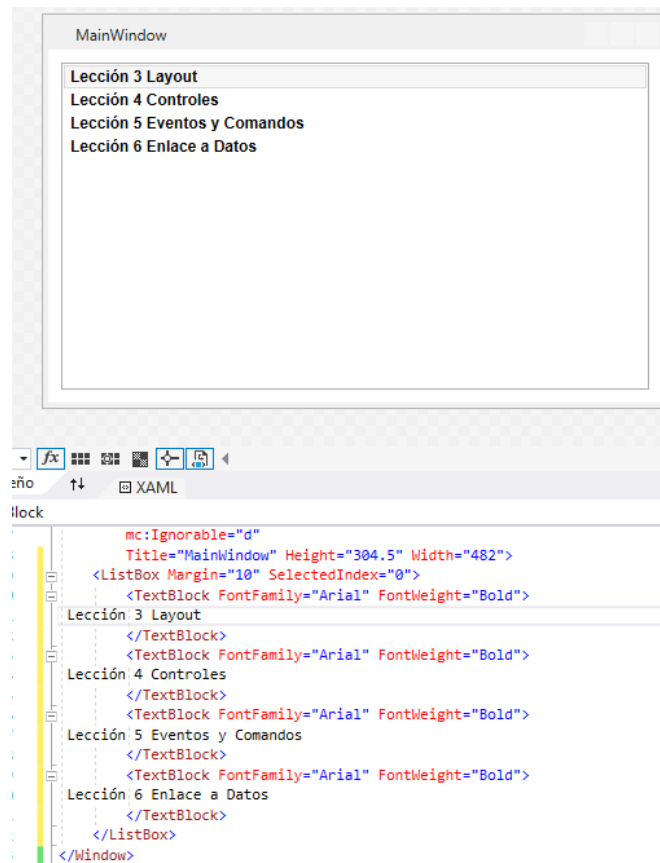
p. Ventana con Etiquetas



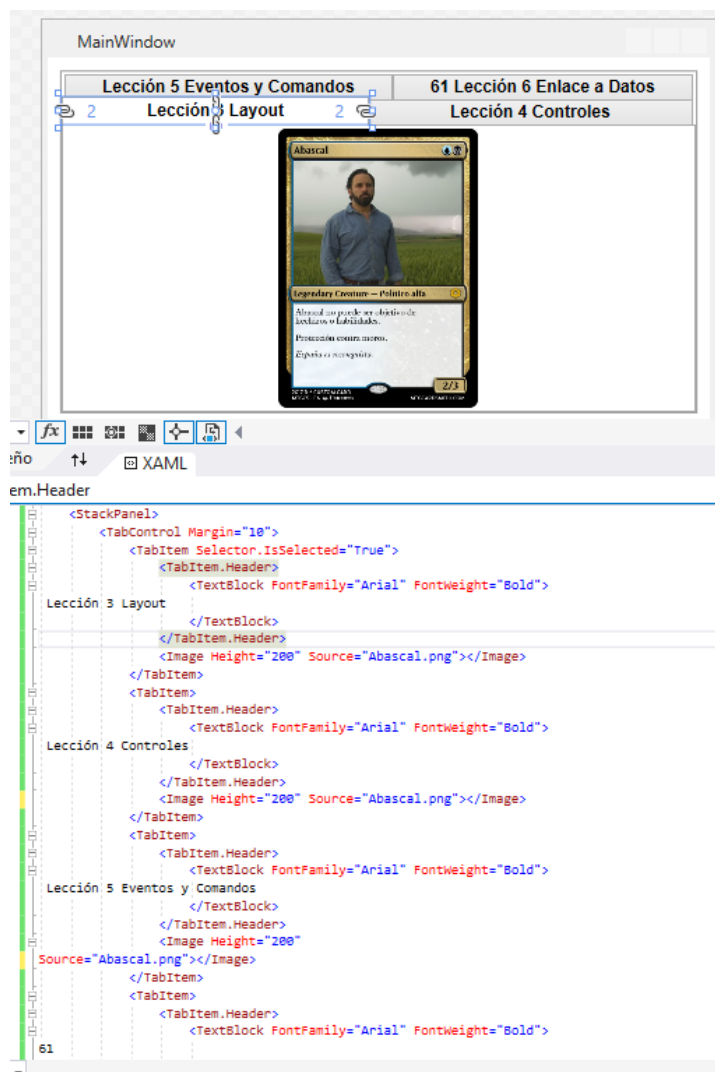
q. Ventana con Combobox



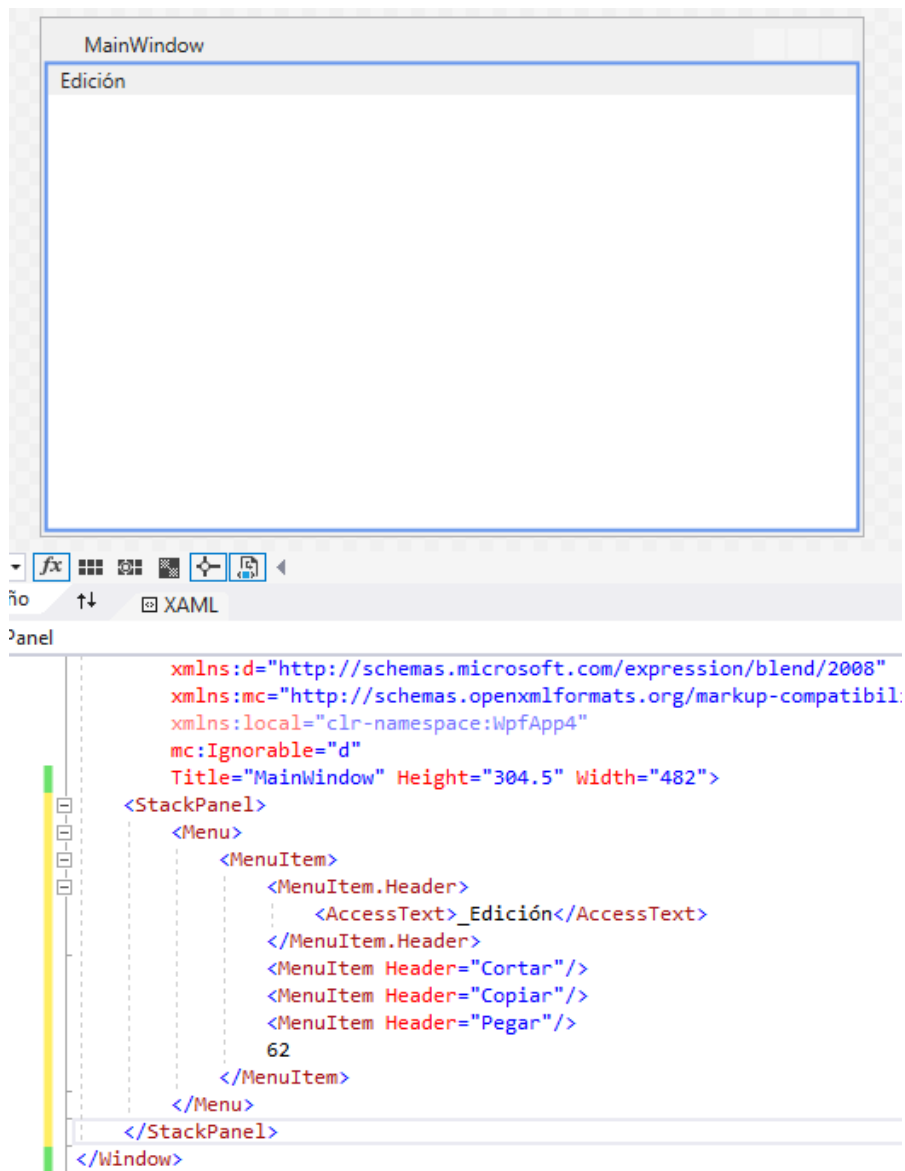
r. Ventana con Listbox



s. Ventana con Tabcontrol

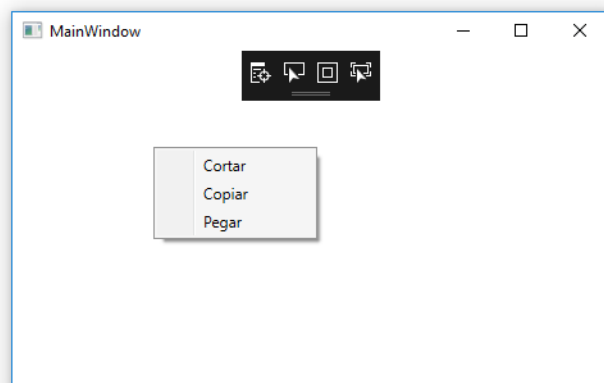


t. Ventana con Menú

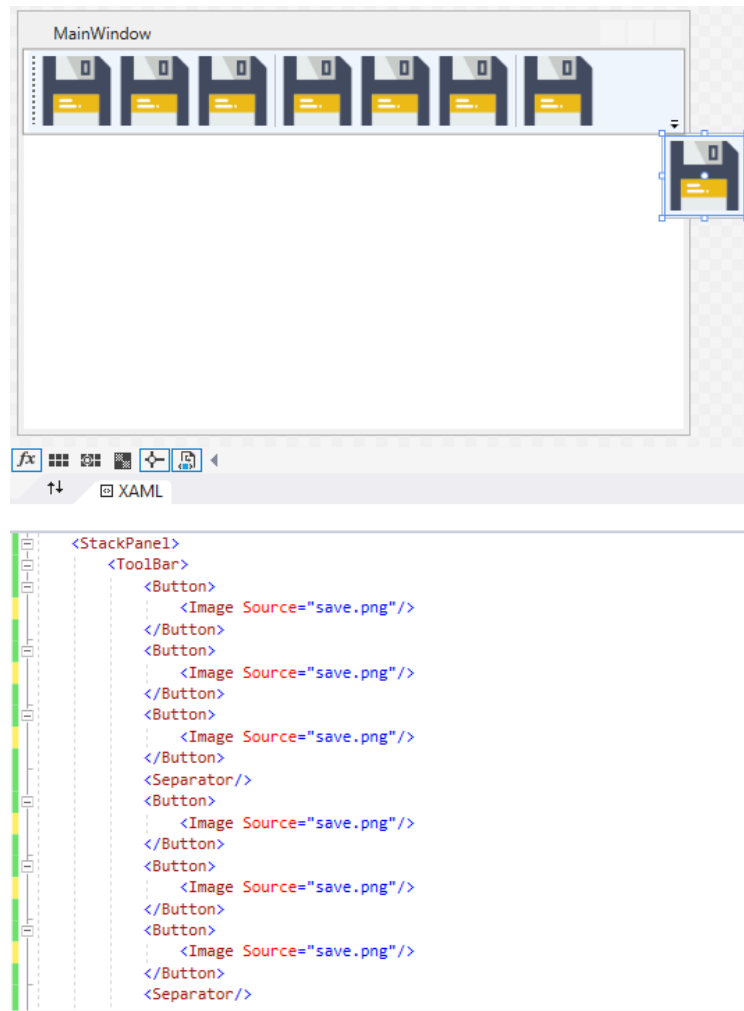


u. Ventana con Menú de contexto

```
<Window x:Class="WpfApp4.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:WpfApp4"
  mc:Ignorable="d"
  Title="MainWindow" Height="304.5" Width="482">
  <Window.ContextMenu>
    <ContextMenu>
      <MenuItem Header="Cortar"/>
      <MenuItem Header="Copiar"/>
      <MenuItem Header="Pegar"/>
    </ContextMenu>
  </Window.ContextMenu>
</Window>
```



v. Ventana con Barra de herramientas



w. Ventana con Control expander

