Oefening 8.4

```csharp
public partial class MainWindow : Window
{
        public MainWindow()
        {
            InitializeComponent();
        }

        private void stairsCanvas_MouseUp(object sender, MouseButtonEventArgs e)
        {
            stairsCanvas.Children.Clear();
            SolidColorBrush brush = new SolidColorBrush(Colors.Black);
            int y = 10;

            for (int height = 1; height <= 6; height++)
            {
                int x = 10;
                for (int width = 1; width <= height; width++)
                {
                    DrawRectangle(stairsCanvas, brush, x, y, 30, 30);
                    x += 45;
                }
                y += 45;
            }
        }

        private void DrawRectangle(Canvas paperCanvas, SolidColorBrush brush,
                                   double x, double y, int width, int height)
        {
            Rectangle rect = new Rectangle();
            rect.Width = width;
            rect.Height = height;
            rect.Margin = new Thickness(x, y, 0, 0);
            rect.Stroke = brush;
            paperCanvas.Children.Add(rect);
        }
}
```

```xml
<Window x:Class="Oef8_4_Trap.MainWindow"
        xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
        xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
        Title="Trap" Height="370" Width="370">
    <Grid>
        <Canvas HorizontalAlignment="Left" Height="310" Margin="27,10,0,0"
                VerticalAlignment="Top" Width="310"
                Name="stairsCanvas" Background="LightGray"
                 MouseUp="stairsCanvas_MouseUp"/>
    </Grid>
</Window>
```