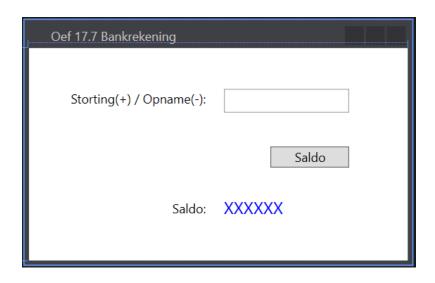
Oefening 17.7

```
<Window x:Class="Oef17_7_Bankrekening.MainWindow"</pre>
        xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"
        xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"
        Title="Oef 17.7 Bankrekening" Height="234" Width="370">
    <Grid>
        <TextBlock HorizontalAlignment="Left" Margin="40,40,0,0"
                   Text="Storting(+) / Opname(-):" VerticalAlignment="Top"/>
        <TextBox HorizontalAlignment="Left" Height="23" Margin="186,39,0,0"
                 Name="bedragTextBox" VerticalAlignment="Top" Width="120"/>
        <Button Content="Saldo" HorizontalAlignment="Left" Margin="231,94,0,0"</pre>
                VerticalAlignment="Top" Width="75"
                Click="saldoButton Click" Name="saldoButton"/>
        <TextBlock HorizontalAlignment="Left" Margin="137,145,0,0"
             Text="Saldo:" VerticalAlignment="Top"/>
        <TextBlock HorizontalAlignment="Left" Margin="186,141,0,0" FontSize="16"
             Text="XXXXXX" VerticalAlignment="Top" Foreground="Blue"
            Name="saldoTextBlock"/>
    </Grid>
</Window>
```



```
public class Bankrekening
{
    public int Saldo { get; set; }
    public string Nummer { get; set; }
    public string Naam { get; set; }

    public Bankrekening(string nummer, string naam)
    {
        Saldo = 0;
        Nummer = nummer;
        Naam = naam;
    }

    public void Storting(int waarde)
    {
        if (waarde > 2500)
        {
}
```

```
throw new BankException("Storting kan maximaal 2500 bedragen.");
            Saldo += waarde;
        }
        public void Opname(int waarde)
            if (Saldo - waarde < 0)</pre>
            {
                throw new BankException($"Saldo ontoereikend: {Saldo}");
            Saldo -= waarde;
        }
}
public class BankException : ApplicationException
{
        public BankException(string message):base(message)
        {
        }
}
public partial class MainWindow : Window
{
        private Bankrekening _rekening;
        public MainWindow()
        {
            InitializeComponent();
            Initialize();
        }
        private void Initialize()
             rekening = new Bankrekening("123-123456-12", "Gilles Hermans");
            bedragTextBox.Text = "0";
            saldoTextBlock.Text = Convert.ToString(_rekening.Saldo);
        private void saldoButton_Click(object sender, RoutedEventArgs e)
            try
                 int bedrag = int.Parse(bedragTextBox.Text);
                if (bedrag < 0)</pre>
                     _rekening.Opname(-bedrag);
                 }
                else
                 {
                     _rekening.Storting(bedrag);
                saldoTextBlock.Text = Convert.ToString(_rekening.Saldo);
            catch (FormatException ex)
```

```
MessageBox.Show("Gelieve een geheel getal in het bedrag-veld in te vullen.");
}
catch (BankException ex)
{
    MessageBox.Show(ex.Message);
}
}
```