```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows;
using System.Windows.Controls;
using System.Windows.Data;
using System.Windows.Documents;
using System.Windows.Input;
using System.Windows.Media;
using System.Windows.Media.Imaging;
using System.Windows.Navigation;
using System.Windows.Shapes;

namespace Motoring
{
    /// <summary>
    /// Interaction logic for PageLoan.xaml
    /// </summary>
    public partial class PageLoan : Page
    {
        public PageLoan()
        {
            InitializeComponent();
            FillTestData();
        }

        private void RunningPageButton_OnClick(object sender, RoutedEventArgs e)
        {
            // --Data handling classes
            Loan loan = new Loan();
            CostSummary costSummary = new CostSummary();

            //-- Get the data from the form
            loan = HarvestLoanData();
            costSummary.CurrentLoan = loan;


            var runningCostPage = new PageRunning(costSummary);
            this.NavigationService.Navigate(runningCostPage);
        }


        private void ClearButton_OnClick(object sender, RoutedEventArgs e)
        {
            this.CarPriceTextBox.Text = "";
            this.CarDepositTextBox.Text = "";
            this.LoanTermTextBox.Text = "";
            this.InterestRateTextBox.Text = "";
        }

        private void FillTestData()
        {
            Loan myLoan = new Loan
            {
                CarPrice = 15000,
                CarDeposit = 2000,
                LoanTermYears = 3,
                LoanRate = 3.75F
            };

            this.CarPriceTextBox.Text = myLoan.CarPrice.ToString();
            this.CarDepositTextBox.Text = myLoan.CarDeposit.ToString();
            this.LoanTermTextBox.Text = myLoan.LoanTermYears.ToString();
            this.InterestRateTextBox.Text = myLoan.LoanRate.ToString("F");
        }

        //-- Harvest form data
        private Loan HarvestLoanData()
        {
            Loan loan = new Loan();
            //-- validate and get data

            //-- Price
            //-- Check there is a value in the TextBox
            if (CarPriceTextBox.Text != "")
            {
                //-- Check that the value in the TextBox is the correct type, Integer in this case
                //-- Use int.TryParse(Value to check, out type value to return if parse ok)
                if (int.TryParse(CarPriceTextBox.Text, out int price))
                {
                    //-- Assign the value harvested to the member of the loan class
                    loan.CarPrice = price;
                }
                else
                {
                    //-- Message to the user if the value is not the right type
                    MessageBox.Show("The price entered must be an integer");
                }
            }
            else
            {
                //-- Message to the user if the TextBox is empty
                MessageBox.Show("You must provide a price for the car");
            }

            //-- Deposit
            if (CarDepositTextBox.Text != "")
            {
                if (int.TryParse(CarDepositTextBox.Text, out int deposit))
                {
                    loan.CarDeposit = deposit;
                }
                else
                {
                    MessageBox.Show("The deposit value must be an integer");
                }
            }
            else
            {
                MessageBox.Show("Enter an amount for the deposit");
            }

            //-- Term
            if (LoanTermTextBox.Text != "")
            {
                if (byte.TryParse(LoanTermTextBox.Text, out byte term))
                {
                    loan.LoanTermYears = term;
                }
                else
                {
                    MessageBox.Show("The term must be a whole number less than 255");
                }
            }
            else
            {
                MessageBox.Show("You must supply a value for the Loan Term in Years");
            }

            //-- Rate
            if (InterestRateTextBox.Text != "")
            {
                if (float.TryParse(InterestRateTextBox.Text, out float rate))
                {
                    loan.LoanRate = rate;
                }
                else
                {
                    MessageBox.Show("The rate must be formatted as a number");
                }
            }
            else
            {
                MessageBox.Show("You must supply a value for the interest rate");
            }


            return loan;
        }

    }
}


```