```
namespace RentalForm
{
    3 references
    public partial class RentalForm : Form
    {

        1 reference
        public RentalForm()
        {
            InitializeComponent();
        }

        1 reference
        private void calcButton_Click(object sender, EventArgs e)
        {

            decimal beginDecimal;
            decimal endDecimal;
            int daysInteger;

            if (IsValidData())
            {
                    // Convert the beginning miles if a valid number was input
                    beginDecimal = decimal.Parse(beginTextBox.Text);

                    // Convert the ending miles if a valid number was input
                    endDecimal = decimal.Parse(endTextBox.Text);

                    // Convert the number of days if a valid number was input
                    daysInteger = int.Parse(daysTextBox.Text);


                    // Create a new AutoRental object named aRental, passing it the input values

                    AutoRental aAutoRental = new AutoRental(beginDecimal, endDecimal, daysInteger);


                    // Display the results
                    totalTextBox.Text = aAutoRental.RentalCharge.ToString("C");

                    milesTextBox.Text = aAutoRental.MilesDriven.ToString();
```

```
    private bool IsValidData()
    {
        // Add more validation
         return Validator.IsPresent(beginTextBox) &&
            Validator.IsPresent(endTextBox) &&
            Validator.IsPresent(daysTextBox) &&
            Validator.IsDecimal(beginTextBox) &&
            Validator.IsDecimal(endTextBox) &&
            Validator.IsInt32(daysTextBox);

    }

    1 reference
    private void clearButton_Click(object sender, EventArgs e)
    {
        // Clear the form


        addressTextBox.Clear();
        cityTextBox.Clear();
        stateTextBox.Clear();
        zipTextBox.Clear();
        beginTextBox.Clear();
        endTextBox.Clear();
        daysTextBox.Clear();
        totalTextBox.Clear();
        milesTextBox.Clear();
        nameTextBox.Clear();
        nameTextBox.Focus();
    }

    1 reference
    private void exitButton_Click(object sender, EventArgs e)
    {
        // End the program

        this.Close();
    }
}
```

```
class AutoRental
{

    private decimal rentalChargeDecimal;
    private decimal milesDrivenDecimal;
    private int daysRentedInt;

    1 reference
    public decimal RentalCharge
    {
        get
        {
            return rentalChargeDecimal;
        }
    }
    3 references
    public decimal MilesDriven
    {
        get
        {
            return milesDrivenDecimal;
        }
        set
        {
            milesDrivenDecimal = value;
        }
    }
    1 reference
    public int DaysRented
    {
        get
        {
            return daysRentedInt;
        }
        set
        {
            daysRentedInt = value;
        }
    }
```

```
public AutoRental()
{
    //Example of default constructor method
}


1 reference
public AutoRental(decimal beginningOdometer, decimal endingOdometer, int daysRentedInt)
{

    MilesDriven = endingOdometer - beginningOdometer;
    DaysRented = daysRentedInt;
    calcRentalCharge();
}

1 reference
public void calcRentalCharge()
{
    const decimal ratePerDay = 15m;
    const decimal ratePerMile = .12m;

    rentalChargeDecimal = MilesDriven * (ratePerMile) + daysRentedInt * (ratePerDay);
}
```