The objective of this project is to learn how to implement selection constructs and selection controls in VB.

Bayou Car Rentals wants to create a reservation tool for car rental reservations, so their employees can use the tool to make a reservation and determine the rental charge. Your task is to create a VB application called *Car Rental Reservation* that has all the controls as shown in Figure 1.

Figure 1: Car Rental Reservation

The *Car Rental Reservation* application should have the following features:
1. The *Car Rental Reservation* application should look like Figure 1 and the text **First and Last Name** in Name textbox should be highlighted and selected.
2. The tab order should start from the Name textbox through Pick-Up combo box and date, Vehicle Type group box, Insurance check box, all the way to Quit buttons.
4. The month in Return month combo box should be the same as the selected month in Pick-Up month combo box. For example if Jun 2007 is selected in Pick-Up month combo box, Jun 2007 is also selected in Return month combo box.
5. Return date should be one more than Pick-Up date. For example, if 14 is entered in Pick-Up date textbox, then 15 is the date in Return date textbox.
6. There are 5 vehicle types: Economy, Mid Size, Full Size, Mini Van, and SUV. The rental charges for each vehicle type are as follows:

<table>
<thead>
<tr>
<th></th>
<th>Economy</th>
<th>Mid Size</th>
<th>Full Size</th>
<th>Mini Van</th>
<th>SUV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per Day</td>
<td>$20</td>
<td>$25</td>
<td>$35</td>
<td>$40</td>
<td>$50</td>
</tr>
<tr>
<td>Per Week</td>
<td>$100</td>
<td>$130</td>
<td>$150</td>
<td>$180</td>
<td>$200</td>
</tr>
</tbody>
</table>
7. If insurance is required, a charge of $5 per day is applied.
8. If the rental vehicle is returned to a different location, a charge of $50 is applied.
9. The following are screen shots of different examples:

10. The vehicle type in the display is as follows:

<table>
<thead>
<tr>
<th>Selected Vehicle Type</th>
<th>Vehicle Type Display</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economy</td>
<td>Hyundai Accent or Similar</td>
</tr>
<tr>
<td>Mid Size</td>
<td>Toyota Corolla or Similar</td>
</tr>
<tr>
<td>Full Size</td>
<td>Ford Taurus or Similar</td>
</tr>
<tr>
<td>Mini Van</td>
<td>Ford Freestar or Similar</td>
</tr>
<tr>
<td>SUV</td>
<td>Lincoln Navigator - PRESTIGE</td>
</tr>
</tbody>
</table>

11. Clear button will clear the content of the list box.
Note:

- Use `FormatDateTime` with `DateFormat.LongDate` to display the long date.
- Use function `DateDiff(DateInterval.Day, Date1, Date2)` to evaluate the span of one date to another date. `Date1` and `Date2` are of type `Date`. The function returns the value of integer type. For examples:
  
  ```
  DateDiff(DateInterval.Day, 5/12/07, 5/23/07) returns 11
  DateDiff(DateInterval.Day, 5/23/07, 6/4/07) returns 12
  DateDiff(DateInterval.Day, 5/23/07, 6/24/07) returns 32
  ```

Turn in your project in a diskette with a hard copy of source code, controls properties table, and a chart of functions of event procedures at the **beginning of the class**. Your source file should have a comment header as follows:

```rem
REM ********************************************************
REM Application Name: Project3
REM Author: Your Name
REM Class: CS 1408 Section #
REM Due Date:
REM Description: Car Rental Reservation
REM ********************************************************
```

One point will be taken off missing the comment header and 2 points/day for late submission. The maximum point for each project is 20.