FALL 2007
CS 113: Introduction to Computers
Assignment 2
Due: September 20, 2007
Numbers in Visual Basic
(16 points)

Objectives: Learn how to use command buttons and numeric variables.
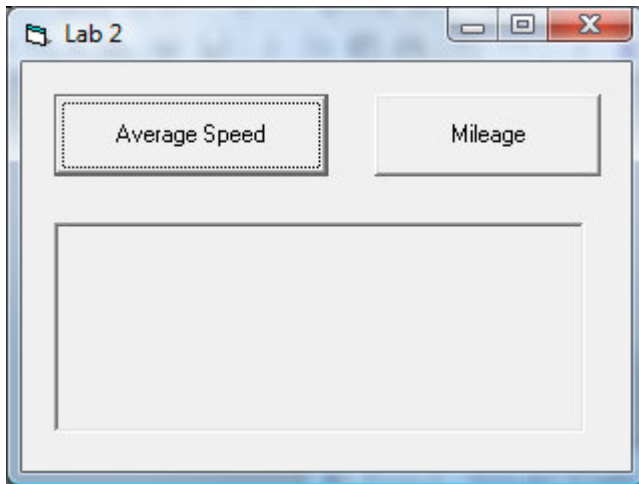
What to do?

Read sections 3.1-3.3 of the textbook.

Consider the following two problems:

Problem 1. The car left 2641 Tunlaw Rd NW, Washington, DC 20007-1308, at 1:00 pm and arrived at 9 East 91st St, New York, NY 10128-0605, at 6:00 pm. What was the average speed of the car if the distance traveled between these two locations is 234.34 miles?

Problem 2. Determine the gas mileage of the car. The tank was filled up when the odometer of the car showed 84,340 miles. Then, at 84,695 miles the tank was filled up again with 14.1 gallons of gas. How many miles per gallon did the car average between the two fillings?
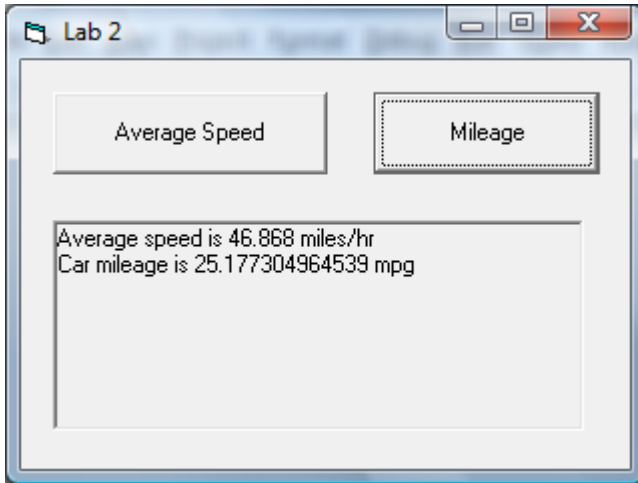
Design a VB program with interface that looks like this:

Make sure the objects in your program are as follows:

Object	Property	Setting
frmLab2	Caption	Lab 2
cmdAvgSpeed	Caption	Average speed
cmdMileage	Caption	Mileage
picOutput		

Implement a Click event procedure for cmdAvgSpeed that provides a solution for Problem 1.
Implement a Click event procedure for cmdMileage that provides a solution for Problem 2. The output of both must be printed in picOutput as shown below:

 Save your work.

What to submit

Use Blackboard Vista to submit the <u>Visual Basic Form File</u> with your program.