HOMEWORK ASSIGNMENT 7		Assigned: December 1, 2005
		Due: December 8, 2005
		10 Points – 1 point each day late

All data is in "http://www.stat.lsu.edu/EXSTWeb/statlab/datasets/KNNLdata/".	
Do the "car purchase" example from your text book. The dataset is in CH14PR13.	
A) 14.12 (14.10)	a) Find the maximum likelihood estimates of β_0, β_1 and β_2.
	b) Get the odds ratios for b_1 and b_2 (i.e. $\exp(b_1)$ and $\exp(b_2)$). Interpret these values.
	c) What is the estimated probability that a family with an income of \$50,000 and a car that is 3-years old will purchase a new car?
B) 14.19 (14.16)	a) omit
	b) Use a Wald test to determine if the variable for age of the oldest automobile can be dropped from the model.
	c) Use a likelihood ratio test to determine if the variable for age of the oldest automobile can be dropped from the model.
C)	a) include the options "`/ lackfit RSQ iplots`" on your model statement. Report the "Max-rescaled R-Square" and the "Hosmer and Lemeshow Goodness-of-Fit" test.
	b) You do not need to specify HTML output to get the diagnostic plots. State which observations had the greatest deviation values for residuals and hat diag.