HOMEWORK 6

Remember, you have to show your work to get credit.

1. From the book 4.4.1, 4.4.2, 4.4.3, 4.4.6, 4.4.10 (by hand).

SAS Import a data set CAR.DAT. Create an additional variable miles2=miles*miles.
Fit multiple linear regression of maintenance cost vs miles and miles2
using proc reg and do the usual residual analysis. Does the model fit?
What are the estimated parameters?