1. For dataset “mlr02.xls”:
   * Construct the linear regression model with X1 = systolic blood pressure as a dependent variable, and two independent variables: X2 = age in years, X3 = weight in pounds. Verify if the coefficients of linear regression model are significant.
   * Test if the linear regression model is significant in general.
   * Test the homoscedasticity of the model.
   * Test the autocorrelationof residuals.
2. For dataset “Kuiper.xls”:
   * Construct different linear regression models using “step” function with Y = price as a dependent variable, and independent variables: mileage, liter, cruise, sound, leather. Verify if the coefficients of linear regression model are significant. Choose the best model using AIC statistics.
   * Test if the linear regression model is significant in general.
   * Test the homoscedasticity of the model.
   * Test the autocorrelationof residuals.
3. For dataset “cigarettes.txt”:
   * Construct the linear regression model with y=carbon monoxide and x1=tar, x2=nicotine, x3=weight. Verify if the coefficients of linear regression model are significant.
   * Test if the linear regression model is significant in general.
   * Test the homoscedasticity of the model.
   * Test the autocorrelationof residuals.