Chapter 14 – Exercise 1
Complete a one-way ANOVA on the Self-Confidence Scale scores, with age group as the independent variable (CPS50.sav-SCS and Age)

Step 1. Start
a. Open SPSS.
b. Open data set cps50.sav.

Step 2. Run One-Way ANOVA
a. From the SPSS menu bar, click on Analyze – Compare Mean – One-Way ANOVA. You will see the “One-Way ANOVA” dialogue box as shown in Figure B6.
b. Move the dependent variable Self confidence score to the “Dependent List” box.
c. We want to compare the math achievement test scores by students’ father’s education levels. So, move the variable Age of student into the “Factor” box.
d. In this example, you do not need to change any default options. Click on OK. You will have the results for the One-Way ANOVA.

Figure B.6
SPSS One-Way ANOVA