For the following assignment you will be using a native SAS data set on shoe sales around the world which has been aptly named Shoes. This data is in the SASHELP library and can be accessed and manipulated by creating a new data set and using the SET statement to set it equal to the shoes data set. Note: When using the SET statement make sure you indicate that the shoes data set is named SASHELP.Shoes so that SAS properly understands the reference.

Part 1) Using the SGplot procedure create a vertical bar graph of the shoe products: Boot, Sandal and Slippers and their average total sales. Give this chart an appropriate title, give the bars a different color from default, half their bar size, and order the bars from largest to smallest.

Part 2) Create a boxplot using the Proc Boxplot procedure that plots the 5-number summary of Sales for the country of Asia and includes outliers in your plot. Give the box plot an appropriate title. In addition, use the new modifier 'outbox=' this modifier allows you to generate a new dataset which you declare in the modifier that will store the 5 number summary values of your boxplot. Use a print statement to print out this new data set.

Part 3) Create a 3d pie graph with an appropriate title that shows the percent composition of Product Inventory for this data set. Use the explode modifier to pull the slice of the pie out that had the most sales from part 1). Also include a modifier that labels each slice with an arrow line.

*** Your deliverables will be a screenshot of your SAS code window with your name and the date completed in a remark at the top of the code. Along with screenshots of all your code, output tables, and log ***