Assignment #3 (10 points)

Plot the following graphs and for each graph interpret what the graph tells us.

1. grades.csv:

(1) a boxplot for weighted\_total column.

(2) a multiple bar graph for 5 homework assignments for compare and contrast of students’ performance in these 5 assignments.

(3) a graph of your choice.

2. SP500 index stock data

(1) a multiple-line graph (or other appropriate graph of your choice) to compare and contrast the performance Apple Inc. and Microsoft over a period of time provided in the data set. Use the stock close price.

(2) an area plot graph (or other appropriate graph of your choice) to compare and contrast the trading volume of the above two companies.

(3) a graph of your choice that compares at least three companies in certain way of your choice.

Submission; put all codes and results in one file or on one link (may use comments to include writing) and submit along this assignment link.