Criterion A: Planning

Defining the Problem:

      Recording and analysing driving data. My client XX wants a program that will receive logged miles that she drives. She wants the program to display which days she drives the most and how much she spends at the pump per month. She also wants the program to record all the entered data so that she can view all her previously entered statistics. As new data is entered the average and data list will be updated.

Rationale for Solution:

      XX Drives a lot and is interested in her fuel consumption. She would like to save money so she thinks that understanding her driving habits will help her improve fuel economy. In the UI, XX should be able to enter her recorded driving data and view previous data along with averages.

I will create the program in NetBeans because:

- I have experience with Netbeans
- It is easy to create a simple user interface
- It can store data and perform functions

Criteria for Success

- UI should be easy for XX to enter data and view recorded data
- Shuffle buttons should successfully shift through list values
- Enter buttons should add values to list and calculate averages
- Enter buttons should update average boxes
- List of days should stay in order whether or not all days have data
- Data should not be lost after the application is closed
- Application should be able to handle doubles