For this app, I take user input to form a list of gas tanks, where the data fields are miles driven, and gas gallons consumed. I first initialize my local variables and lists for storing the user input. To take input, I prompt the user for input and then enter a while loop which assigns the user input to a string, parses it as a float, and then adds it to its corresponding list. To break out of the first while loop, I ask the user after each entry if they would like to continue. For the second while loop, I simply compare a counter variable to the size of the previous list.

After user input is taken, I enter a for loop iterating through the list and calculating the mileage of each tank, and assign it to another list that holds the values for the mileage of each tank.

Finally, I use a for each loop to iterate through that list to calculate the average mileage, which is then printed to the console.