CalcValidation Test Plan Katharine Wunderle

After the logic was programmed into the calculate click event, I created 4 different sets of variables and tested each one. I used a separate calculator and first verified the total cost was calculated correctly. I then verified the total miles was calculated correctly. Lastly, I verified the miles per gallon were calculated correctly. I repeated these three verifications for each set of variables to confirm the validity of my output. I visually verified that the total cost of the fill-up was displayed in the currency format, and my miles and mpg labels were displaying correctly with my output. To test the functionality of my try/catch statement, I entered nonnumeric data separately into each of the 4 input text boxes and verified that was message box was displayed telling the user that invalid data was entered and that it allowed the user to return to the form.