CalcWithAccums Test Plan Katharine Wunderle

After programming the initial logic to get the input from the user for length, width, and height, I verified on a separate calculator that the calculations for cubic feet, cubic yards, and price of the order were correct. I tested 4 different sets of variables and verified each of the outputs. I visually verified that the total price of the order was displayed in the currency format. Then I visually verified that the constant for the price per yard displayed in the label properly. I then programmed the calculation logic for the accumulative total output and verified on a separate calculator that it was correct. I then verified that each time I calculate a new order, the total is added on to each of the accumulative output and the total number or orders increased by one each time. I then visually verified that my truck capacity constant was displaying correctly when calculate was clicked. Next, I checked and made sure that the number of cubic yards was subtracted correctly from the empty truck capacity and displayed in the less ordered output. I then verified that the remaining truck capacity added up and displayed correctly. I then checked the clear button and made sure all the text boxes were wiped clean. I then entered new input to calculate to verify that all the accumulators had been cleared and began new calculations correctly. I then visually verified that when the remaining truck capacity greater than 0, the textbox was highlighted in light blue, and then when the amount was 0 or less than 0, the textbox was highlighted in red. Then I made sure the highlight was cleared when the clear button was pressed.