DivisionDecVsMod Test Plan CISS 160 Katharine Wunderle

The first thing I did was make sure that my user input was a numeric value and if it was not in either textbox, calculations would not continue, and the user would receive and error message telling them to input a numeric value. I also made sure that if the user entered a value of 0 for the divisor, they would receive an error as well. I then programmed the calculation logic and verified multiple values on a separate calculator and the included .exe that the quotient and remainder calculated correctly, and that the appropriate values were displayed in the output labels. Next, I again used a separate calculator and the .exe to make sure the calculations for the decimal output were correct and displayed in the decimal output label. I then programmed the clear button and made sure that when pressed all the input textboxes and output labels were cleared of their numbers. Finally, I tested new calculations after the clear function to make sure everything still performed the way it is supposed to.