Shipping Calculator Test Plan CISS 160 Katharine Wunderle

First, I verified that the validation from the user input, making sure that if they entered a negative or a nonnumeric weight, or a Shipping Zone Code that wasn’t N, S, E, or W, they would receive an error message and the program would no continue and perform calculations. I then verified that the cost of the weight calculated correctly on a separate calculator with several different variables and that it was displayed in the currency format in my output textbox. Next, I verified that my shipping zone cost displayed correctly based on the Zone code input of the user. I also made sure it displayed in the currency format. I then verified on a separate calculator that my total cost was calculated correctly with several different variables for package weight, using all 4 zone codes to test the differing results, displayed in the currency format. I then verified that when the total cost exceeds $100, the total cost displays as $100, and the CAPPED label appears next to it. Lastly, I verified that when a new calculation is processed, the weight, zone, and total costs, as well as the CAPPED label are all cleared making way for new calculations.