1. At first, I made the mistake of not putting curly braces around cases with improper input, such as negative signs or empty strings. Also, at first, I made the if statements from the second tariff for pigs and mud as separate, but this caused problems because when I put pigs or mud as the product, the 0.25 ended up applying as opposed to 0.29.
2. I tested -100 for the value to see if “The product value must not be negative.” would appear, empty product to see if “You must enter a product.” would appear, and empty importer to see if “You must enter an importer.” would appear. I tried when value was 1200 for mud and 1200 for aluminum. This was to see if the duty for each was actually different. I also tested 1200 for pigs to see if duty was same as the one for mud. I then tested 500 for mud to see if the program produced the right result on a border-case. I then tested 300 for aluminum and pigs to see if both yielded the same results since duty percent should have been the same for all products. I then tested 800 for mud and pigs and computers to see if duty was same for mud and pigs and that duty for both was different to that of computers.