1. I had difficulty figuring out how to code for the royaltyRate for each segment of unitsSent. I realized ordering the if ladder from highest to lowest input would make this much easier.

I noticed that when I input a non-positive number for unitsSent or basePrice, the program would still come up with a calculation for the totalPrice. I realized I could fix this problem by including an exit command return 0; in each error loop.

I overcame a difficulty creating the if ladder for the unitsSent from 400 to 1200. I had to account for each type of number within the boundary and whether or not the unit was premium.

1. I input a negative number for unitsSent to test for error message (-7, The Martian, 9, y), (-3, The Martian, 9, y). These output correct error message.

I input empty title to test for error message (7,,9,n). These output the correct error message.

I input a negative number into basePrice to test for error message (7,The Martian,-9,y), (7,The Martian,-9,y). These output the correct error message.

I input character(s) for premiumItem that were not “y” or “n” to test for error message (7,The Martian,9,j) (7,The Martian,9,yes) (7,The Martian,9,no): output correct error message.

I input two errors to test for number of error messages (-7,,9,y), (7,The Martian,-5,n). These output only earliest error message of the if loop

I input 1200 into unitsSent (1200,The Martian,9,n). This output the correct royaltyRate.

I input 400 into unitsSent (400,The Martian,9,y). This output the correct royaltyRate.

I input 0 into unitsSent (0,The Martian,9,n). This output the correct royaltyRate.

I input double (7.0,The Martian,9,n) (7,The Martian,9.0,n). No error detected and the answers remained the same.