Hanna Co

a. While writing this program, I ran into a couple problems, many involving logic operators. For example, instead of using &&, I used ||, causing my program to error when the input was correct. I also struggled with getting the program to print exactly one digit to the right of the decimal point. I overcame this by referencing example code we had seen in class. A final, minor challenge I faced was how to write a program that would calculate the correct fine amount. I struggled with finding a way to write it concisely, and the different “levels” of fines. I ended up having to write this part several times before I was able to get the correct output.

b.

empty string for defendant name (clicking enter instead of typing a name)

negative amount paid (Horton, -50)

inputting a character not “y” or “n” (Horton, 50, b)

inputting capital “N” (Horton, 50, N)

test if base fine is correct without faking athletic credentials (Horton, 0, n)

test if fine is correct if amount is <40 without faking athletic credentials ((Horton, 30, n)

test if fine is correct if amount is 40 without faking athletic credentials (Horton, 40, n)

test if fine is correct if amount is >40 and <250 without faking athletic credentials (Horton, 100, n)

test if fine is correct is amount is 250 without faking athletic credentials (Horton, 250, n)

test if fine is correct is amount is >250 without faking athletic credentials (Horton, 300, n)

test if base fine is correct while faking athletic credentials (Horton, 0, y)

test if fine is correct if amount is <40 while faking athletic credentials ((Horton, 30, y)

test if fine is correct if amount is 40 while faking athletic credentials (Horton, 40, y)

test if fine is correct if amount is >40 and <250 while faking athletic credentials (Horton, 100, y)

test if fine is correct is amount is 250 while faking athletic credentials (Horton, 250, y)

test if fine is correct is amount is >250 while faking athletic credentials (Horton, 300, y)