1. Notable Obstacles

This project was relatively straightforward. However, it did take some time to properly configure the if statements for the fine in such a way that everything worked logically. Once I figured that out, I had no other major issues.

2. Test Data

(“”, 10, n) – Empty string to test if the program properly handles an empty string for the name

(“John”, -3, n) – Negative input for money paid to test if program correctly handles the negative

(“John”, 10, z) – Input string for fake athlete check other than n or y to test if program handles improper input

(“John”, 15, y) – Under $40k amount paid and fake athlete

(“John, 16.4, n) – Under $40k with non-integer amount paid, and non-fake athlete

(“John, 40, y) – Testing the exact $40k case

(“John, 185.4, y) – Greater than $40k but under $250k paid, with fake athletic achievement (different fine if athletic achievement is there or not)

(“John, 243, n) – Greater than $40k but under $250k paid, with no faked athletic achievements (different fine if athletic achievement is there or not)

(“John”, 300, y) – Greater than $250k paid with faked athletic credentials because athlete status changes fines

(“John”, 432.12, n) – Greater than $250k paid with no faked athletic credentials because athlete status changes fines