**Challenges:**

At first, I couldn’t figure out why my program kept skipping the question about the fake athlete but then realized that I didn’t use cin.ignore. It also took some time for me to figure out the math and logic behind the calculations for the fine amount.

**Test Cases:**

Negative amount paid (Joe, -5)

Empty string entered for defendant name ()

Nothing entered for amount paid (Joe,)

Input other than “y” or “n” for fake athlete question (Joe, 5, a)

“Y” entered instead of “y” for fake athlete question (Joe, 5, Y)

First fine tier case - under $40k paid and not a fake athlete (Joe, 5, n)

First fine tier case - under $40k paid and is a fake athlete (Joe, 5, y)

Second fine tier case - over $40k and under $250k paid and not a fake athlete (Joe, 200, n)

Second fine tier case - over $40k and under $250k paid and is a fake athlete (Joe, 200, y)

Boundary tier case - exactly $250k paid and is a fake athlete (Joe, 250, y)

No amount paid (Joe, 0, n)

Non-integer amount paid (Joe, 65.5, y)

More than one name in defendant’s name (Joe Smith, 20, n)