One notable obstacle I faced was how to write my code without repeating myself. I overcame this by looking through my notes and figuring out how Andrew Forney, my TA, did this. Another notable obstacle I overcame was how to start adding to the bill. I overcame this by breaking down the phone bill into parts consisting of the money due to minutes and the money due to texts.

Under call and text threshold regular (450, 150, “Ying”, 1)

Under call and text threshold sale (450, 150, “Ying”, 7)

At call and under text threshold regular (500, 150, “Ying”, 2)

Call border check (501, 150, “Ying”, 3)

Under call and at text threshold 1(450, 200, “Ying”, 4)

Text border check regular (450, 201, “Ying”, 5)

Text border check sale (450, 201, “Ying”, 9)

Over call threshold and over text threshold 1 regular (600, 250, “Ying”, 10)

Over call threshold and over text threshold 1 sale (600, 250, “Ying”, 8)

Over call threshold and at text threshold 2 regular (600, 400, “Ying”, 11)

Over call threshold and at text threshold 2 sale (600, 400, “Ying”, 6)

Text border check regular (600, 401, “Ying”, 12)

Text border check sale (600, 401, “Ying”, 7)

Over call threshold and over text threshold 2 regular (700, 600, “Ying”, 1)

Over call threshold and over text threshold 2 sale (700, 600, “Ying”, 8)

No minutes or text (0, 0, “Ying”, 1)

Negative minutes (-20, x, x, x)

Negative text (150, -20, x, x)

Empty String (130, 450, “”, x)

Invalid month (130, 150, “Ying”, 13)