The obstacle that I overcame is a logic problem. I used the wrong logic for the luxury status that is not for y or n. Due to this error, my output was always “You must enter y or n.”. After I changed the logic form || to &&, the problem was solved.

// testing error input

Handling negative odometer reading before rental (-10, 22, 10, Chris Wu, n, 10)

End odometer reading after rental that is smaller than start (11, 0, 10, Chris Wu, n, 10)

Negative length of rental (0, 22, -1, Chris Wu, n, 10)

Empty customer name (0, 22, 3, , n, 10)

Not using y or n in luxury car (0, 22, 10, Chris Wu, m, 10)

Invalid month of rental (0, 22, 10, Chris Wu, n, 13)

Testing large value of odometer reading (0, 2147483648, 300, Chris Wu, n, 12) // failed due to overflow of int.

//testing normal input

Testing normal input (0, 50, 300, Chris Wu, n, 12) // mile <= 100

Testing normal input (0, 501, 300, Chris Wu, n, 12) // mile > 500

Testing normal input (0, 400, 300, Chris Wu, n, 12) // 100 < mile <= 500

Testing normal input (0, 222, 300, Chris Wu, n, 12) // in winter

Testing normal input (0, 222, 300, Chris Wu, n, 4) // other months

Testing normal input (0, 501, 300, Chris Wu, y, 12) // luxury cars