Project 2 report:

1. The notable obstacle I met is that after writing the program and running it, I found that although I can input values and the program can output values, the result I get from it is not correct. I then doubled-checked the formula and all else-if loops I wrote but found no errors. Eventually, by checking from the beginning of the program to its end, I noticed that I declared a data type twice (both within and out of the loop), so it has cleaned the previous value out of the loop. I then deleted the data type declarations in the loop and the program can work accurately.
2. Odometer start at zero: (0,23,4,Richard Petty, y, 4)

Odometer begins with negative: (-1, 534,4,Richard Petty,n,9)

End of odometer is the same with the start of odometer:(343,343,4,Richard Petty,y,12)

End of odometer is earlier than the start of odometer:(54,23,5,Richard Petty,n,3)

Rental day is zero:(23,45,0,Richard Petty,y,6)

Rental day is negative:(34,657,-23,Richard Petty,n,12)

Customer name is three word long:(254,540,2,Richard Petty Cathy, n,8)

Customer name is empty:(54,908,2,,n,2)

The status is luxury:(2,501,3,Richard Petty,y,11)

The status is not luxury:(6,700,4,Richard Petty,n,10)

The status is not “y” or “n”:(43,642,5,Richard Petty,k,1)

The month number is from 3 to 10:(42,75,6,Richard Petty,y,5)

The month number is 12:(3,62,8,Richard Petty,n,12)

The month number is not from 1 to 12:(61,765,8,Richard Petty,y,15)