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CS 31 Project 2 Report

1. This programming assignment was very simple, and therefore I did not run into any notable issues implementing the required task. The only problem upon the first build after completion was that the final line that declares the model, price and color of the car was not printing because I declared the qualifying booleans incorrectly, such that they were all initialized to a null value, not true. However, a simple search quickly fixed that, and there were no other issues.
2. I will run several test cases intended to correctly display the final line, and at least one test case to trigger each error message, as well as a case with multiple incorrect inputs.

Correct:

1. (3, Long Range, Red, 18, Yes, Yes) - “**Enjoy your new $56490.00 Red Model 3!”**
2. (S, Performance, Grey, 19, No, No) - “**Enjoy your new $101490.00 Grey Model S!”**
3. (X, Long Range, White, 22, Yes, No) - “**Enjoy your new $91490.00 White Model X!”**

Error:

1. (2, Long Range, Red, 18, Yes, Yes) - “**Error - Incorrect model choice.”**
2. (3, Long Rang, Red, 18, Yes, Yes) - “**Error - Incorrect kind choice.”**
3. (3, Long Range, bed, 18, Yes, Yes) - “**Error - Incorrect color choice.”**
4. (3, Long Range, Red, 20, Yes, Yes) - “**Error - Incorrect wheel value.”**
5. (3, Long Range, Red, 18, Ay, Yes) - “**Error - Incorrect leather choice.”**
6. (3, Long Range, Red, 18, Yes, Yis) - “**Error - Incorrect autopilot choice.”**
7. (S, Performance, Grey, 29, No, No) - “**Error - Incorrect wheel value.”**
8. (S, Performace, Gey, 12, Yess, No) - “**Error - Incorrect kind choice.”**