

CSCI 203 In-class Exercises: Object-Oriented Programming

1. Define a class named Car with a constructor and a string method. The car has four fields, the make and the model of the car, e.g., 'Ford' and 'F150', 'Toyota' and 'Camry', or 'Honda' and 'Odyssey', the year of manufacturing, and the number of seats, e.g., 4, or 7.
2. Define a main() function that creates a list of three cars with the above information, then prints the information of the cars using the string method of each car.
3. Revise the Car class to contain operator overloading if the two cars are equal when they have the same make, model, and the year of manufacturing.
4. Revise the main() function to see if your overloading method works correctly for these pairs of cars.
 - 4a 'Ford, F150, 2018, 5' vs 'Ford, F150, 2018, 5'
 - 4b 'Ford, F150, 2018, 5' vs 'Toyota, Camry, 2018, 5'
 - 4c 'Toyota, Camry, 2018, 5' vs 'Toyota, Camry, 2019, 5'