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COEN 244 ASSIGNMENT

Question 2)

In order to implement rental and return dates to the Car Rental Management system, we would need to include a class date which would allow certain functions such as set and get date.

Specifically, the type date will be included in the cars class as data members for rental and return dates. Each car object in the inventory list will have a rental and return date initialized to 0/0/0. Once a car is assigned to a customer from the inventory list, the specific rental and return dates for this car will be set using the set function and the car will be flagged as rented.

With this modification, the return date will allow the user to know the exact date a car is expected to be returned by the customer the car is assigned to. Moreover, by checking whether the difference between the current and rental dates is greater than the difference between the return and rental dates, warnings can be issued to specific customers for overdue rental cars.