



North South University

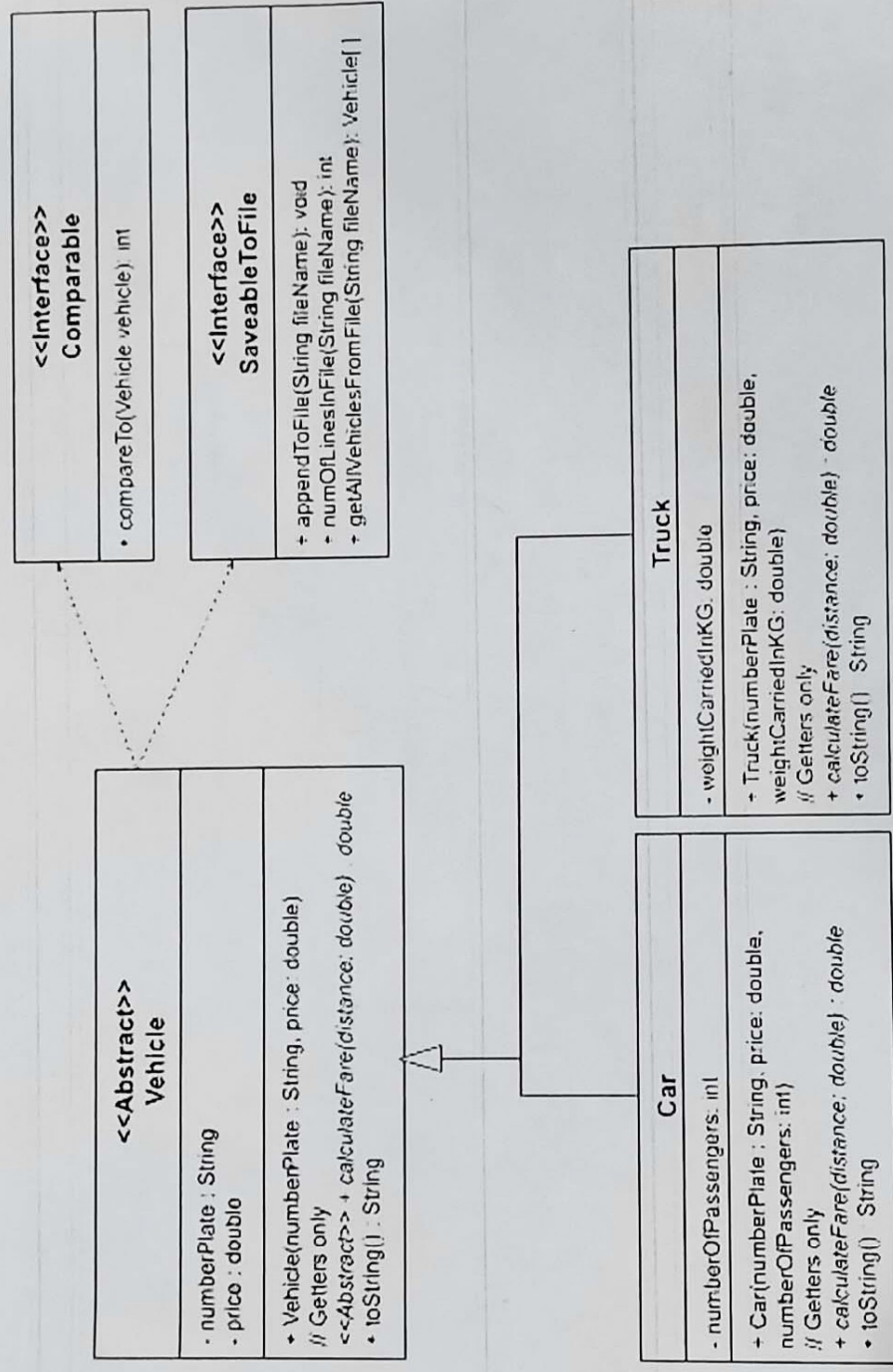
Department of Electrical and Computer Engineering

CSE215L Final, Fall 2022
Section: 05

Total: 50, Time: 1 hour

1. Create the following classes

[30]



Car fare = 20 + (numberOfPassengers * 5) + distance * 10

Truck fare = 300 + weightCarriedInKG * 2 + distance * 0.5

compareTo(Vehicle vehicle) returns 0 if the price of the two vehicles is the same, 1 if the caller vehicle's price is bigger, otherwise returns -1.

- Create the classes. (10)
- Create 3 cars and 2 trucks with user input holding them in one array and save them in a file. (10)
- Read all the objects from the file again in a different array. (5)
- Print which vehicle has the highest price. (Use compareTo function) (5)