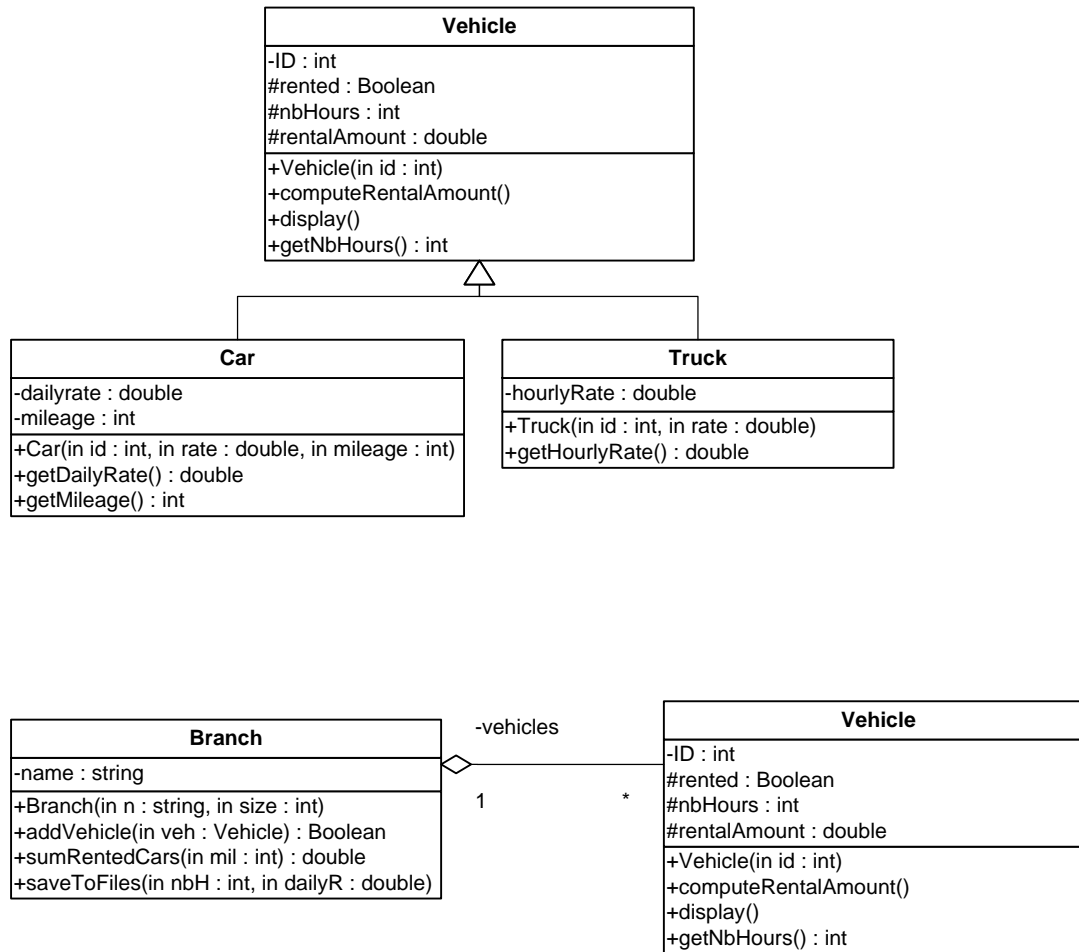


Tutorial - Files



Look at the above UMLs and only write the class **Branch**

o **ATTRIBUTES:**

- **name:** the name of the vehicle rental company branch.

o **METHODS:**

✚ **Branch(n: string, size: int).** Constructor . If the size is less or equal than zero, the constructor throws an exception with the following message “Invalid Size”.

✚ **addVehicle(veh: Vehicle).** Adds a vehicle to the branch. It returns true if the vehicle is added, false otherwise.

- ✚ **sumRentedCars(mil: int)**. Computes and returns the sum of the rental amounts of all rented cars having a mileage less than *mil*.

- ✚ **saveToFile(nbH:int, dailyR:double)**. This methods saves the vehicles of the branch as follows:
 - The **Car** objects with **dailyRate** equals to *dailyR* are saved in the file “cars.data”.
 - The **Truck** objects with **nbHours** greater than *nbH* are saved in the file “trucks.data”.

Question: Translate into Java code the class **Branch**.