private boolean isAvailable;

public Vehicle (String registrationNumber, String type) {

this.registrationNumber = registrationNumber;

this.type = type;

this.isAvailable = true;

}

public String getRegistrationNumber () {

return registrationNumber;

}

public boolean isAvailable() {

return isAvailable;

}

public void setAvailable (boolean available) {

this.isAvailable = available;

}

class Vehicle {

public double calculateRentalCost(int days) {

return days \* 50; // Base rate

}

}

class Truck extends Vehicle {

@Override

public double calculateRentalCost(int days) {

return days \* 100; // Higher rate for trucks

}

}

}