

ParkedCar

- make: String
- model: String
- color: String
- licensePlate: String
- minutesParked: int

- + ParkedCar(make: String model: String color: String licensePlate: String minutesParked: int)
- + getMake(): String
- + getModel(): String
- + getColor(): String
- + getLicensePlate(): String
- + getMinutesParked(): int
- + toString(): String
- + equals(): Boolean

ParkingMeter

- minutesPurchased: int

- + ParkingMeter(minutesPurchased: int)
- + getMinutesPurchased(): int
- + toString(): String
- + equals(): Boolean

PoliceOfficer

- name: String
- badgeNumber: String

- + PoliceOfficer(name: String badgeNumber: String)
- + getName() : String
- + getBadgeNumber() : String
- + expiredCheck(meter: ParkingMeter; car: PakedCar) : boolean
- + issueTicket(meter: ParkingMeter; car: PakedCar) : ParkingTicket
- + toString() : String
- + equals() : Boolean

ParkingTicket

- car: PakedCar
- officer: PoliceOfficer
- fine: double
- numTickets: int

- + ParkingTicket(meter: ParkingMeter; car: PakedCar; officer: PoliceOfficer)
- + getFine() : double
- + getOfficerName() : String
- + getOfficerBadge() : String
- + getMake() : String
- + getModel() : String
- + getlicensePlate() : String
- + updateNumTickets() : void
- + getNumTickets() : int
- + toString() : String
- + equals() : Boolean

