

# Class Diagram

<b>ParkedCar</b>
-carMake:String -carModel:String -carColor:String -carLicenseNum:String -parkedMin: int
+ParkedCar(String, String, String, String,int) +getCarmake(): String +getCarModel(): String +getCarColor(): String +getCarLicense(): String +getParkedMin(): int

<b>ParkingMeter</b>
-parkingMin: int
+ParkingMeter(int) +getParkingMin(): int

<b>ParkingTicket</b>
+ReportCar(ParkedCar) +ReportFine(ParkedCar, ParkingMeter) +ReportPolice(PoliceOfficer)

<b>PoliceOfficer</b>
-policeName: String -badgeNum: String
+PoliceOfficer(String, String) +getPoliceName(): String +getBadgeNumber(): String +examinCar(ParkedCar, ParkingMeter, PoliceOfficer) +issueTicket(ParkedCar, ParkingMeter, PoliceOfficer)