RIT Parking Lot

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RIT Parking

-RNG:Random

+simulate():void

ParkingLot

-name:String
-reserved:int
-general:int
-spot:ParkingSpot

+createParkingSpot():void
+park():void
+vacate():void
+toString():String

ParkingSpot

-id:int
-permit:Permit
+occupied:boolean
+vehicle:Vehicle

+park():void
+vacate():void
+toSring():String

Vehicle

-plate:int

+getPlate():int
+getTickets():List<Ticket>
+clearTickets():void
+toString():String

PATS

-registration:HashMap<int,Permit>
-tickets:List<Ticket>
-tickethistory:List<Ticket>

+register():void
+getVehiclePermit():Permit
+createTicket():void
+clearTickets():void
+isRegistered():boolean
+printReport():void

ParkingOfficer

patrol():void

Ticket

-ticketNumber:int
-ticketCount:int
-type:TcketType
-fineAmount:int

+toString():String