Ticket Management System

Ticket

-id: int
-description: String
-resolved: boolean

+Ticket(int, String)
+getID(): int
+getDescription(): String
+isResloved(): boolean
+resolve(): void

TrainTicket

-trainNumber: String
-departureTime: String
-platform: String

+TrainTicket(int, String, String, String, String)
+getTrainNumber(): String
+getDepartureTime(): String
+getPlatform(): String

BusTicket

-busNumber: String
-departureTime: String

+BusTicket(int, String, String, String)
+getBusNumber(): String
+getDepartureTime(): String

PlaneTicket

-flightNumber: String
-departureTime: String
-gate: String

+PlaneTicket(int, String, String, String, String)
+getFlightNumber(): String
+getDepartureTime(): String
+getGate(): String

TicketManagementSystem

-tickets: List<Ticket>
-nextTicketId: int

+TicketManagementSystem()
+createBusTicket(String, String, String): void
+createTrainTicket(String, String, String, String): void
+createPlaneTicket(String, String, String, String): void
+resolveTicket(int): void
+printOpenTickets(): void

Main

+main(String[]): void