com.helpers

Class Flight

java.lang.Object
        com.helpers.Flight

```
public class Flight
extends java.lang.Object
```

Allows a information of a flight to be passed from class to class in a centralized manner.

Field Summary

Fields

Modifier and Type	Field and Description
private java.lang.String	**arriveTime** Arrival time for the flight
private java.lang.String	**departureTime** Departure time for the flight
private java.lang.String	**flightID** Flight ID for the flight
private **Plane**	**plane** Plane object containing details of an aircraft for the flight
private **Route**	**route** Route object containing route details for the flight

Constructor Summary

Constructors

Constructor and Description
Flight() Empty Default Flight Constructor
Flight(java.lang.String fid, int pid, int rnum, java.lang.String depTime, java.lang.String arrTime, int fc, int bc, int pec, int ec) Flight Constructor

Method Summary

Methods

Modifier and Type	Method and Description

java.lang.String	**getArriveTime**() Gets arrival time for the flight	
int[]	**getAvailableSeats**() Gets the number of available seats for the flight	
int	**getBusinessClassSeats**() Gets the number of business class seats for the flight	
java.lang.String	**getDepartureTime**() Gets departure time for the flight	
int	**getEconomyClassSeats**() Gets the number of economy class seats for the flight	
int	**getFirstClassSeats**() Gets the number of first class seats for the flight	
java.lang.String	**getFlightID**() Gets Flight ID for the flight	
Plane	**getPlane**() Gets plane object for the flight	
int	**getPlaneID**() Gets plane ID for the flight	
int	**getPremiumEconomyClassSeats**() Gets the number of premium economy class seats for the flight	
int	**getRouteNumber**() Gets route number for the flight	
void	**setArriveTime**(java.lang.String arrTime) Sets arrival time for the flight	
void	**setBusinessClassSeats**(int bc) Sets the number business class seats for the flight	
void	**setDepartureTime**(java.lang.String depTime) Sets the departure time for the flight	
void	**setEconomyClassSeats**(int ec) Sets the number economy class seats for the flight	
void	**setFirstClassSeats**(int fc) Sets the number first class seats for the flight	
void	**setFlightID**(java.lang.String fid) Sets Flight ID for the flight	
void	**setPlane**(**Plane** plane) Sets the plane object for the flight	
void	**setPlaneID**(int pid) Sets Plane ID for the flight	
void	**setPremiumEconomyClassSeats**(int pec) Sets the number premium economy class seats for the flight	
void	**setRouteNumber**(int rnum) Sets route number for the flight	
java.lang.String	**toString**() Returns a formatted string consisting of flightID, departure time and arrival time	

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

Field Detail