FrequentFlyer

FREQUENT_FLYER_NUMBER : long {uniqe,fianl}

lastName : String

firstName : String

credit: Credit

- counter: int

- setFirstName(firstName String)

- setLastName(firstName String)

+ getLastName() : String

+ getFirstName() : String

+ getFFlyerNumber() : long

Flight

FLIGHT_NUMBER : long {uniqe,final}

flightDuration : int

departureDate: LocalDate

departureTime : LocalTime

/ actualDepartureTime : LocalTime

+ setFlightDuration(int FlightDuration)

- setDepartureTime(LocalTime departureTime)

- setDepartureDate(LocalDate departureDate)

+ getFlightDuration(): FlightDuration

+ getDepartureTime(): LocalTime

+ getDepartureDate(): LocalDate

+ getFlightNumber(): long

+ updateDepartureTime(departureTime LocalTime

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Flying in

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Credit

fFlyer: FrequentFlyer

flights: Flight [ ]

bonus: int

/ credit : int

- setFlights(flights Flight [ ])

+ setBonus(bonus int)

+ getFlights(): Flight [ ]

+ getFFlyer(): FrequentFlyer

+ getBonus(): int

+ addFlight(flight Flight)

- calculateCredit()