Flight - FLIGHT_NUMBER: long {final, unique} # departureTime : LocalTime / actualDepartureTime : LocalTime = departureTime # departureDate : LocalDate # flightDuration : int / minutesOfDelay : int = 0 - flightCounter : int = 0 - frequentFlyers : FrequentFlyer[] - amountOfCredit : int - miles: int - setDepartureTime(departureTime : LocalTime) : void - setFlightDuration(flightDuration: int) : void

- setFrequentFlyers(frequentFlyers: FrequentFlyer[]): void

- setAmountOfCredit(amountOfCredit: int) : void

- setMiles(miles: int) : void

+ getAmountOfCredit(): int

+ getMiles(): int

+ getFLIGHT_NUMBER(): long

+ delayFlight(minutes: int) : void+ getArrivalTime() : LocalTime

FrequentFlyer

- FREQUENT_FLYER_NUMBER : long {final, unique}

- firstName : String

- lastName : String

/ frequentCounter : int = 0

/ mileageCredit : MileageCredit

- setFirstName(firstName : String) : void

- setLastName(lastName :String) : void

+ getFREQUENT_FLYER_NUMBER() : void

+ addFlight(flight: Flight) : void

+ getMileageCreditAmount() : int

MileageCredit

- flight : Flight[]

- frequentFlyer : FrequentFlyer

- creditAmount: int

 $\hbox{-} set Frequent Flyer (frequent Flyer: Frequent Flyer): void\\$

 $\hbox{-} {\it setCreditAmount(creditAmount: int): void}\\$

- addFlight(flight : Flight) : void

+ getCreditAmount(): int

+ updateCredit(flight : Flight) : void