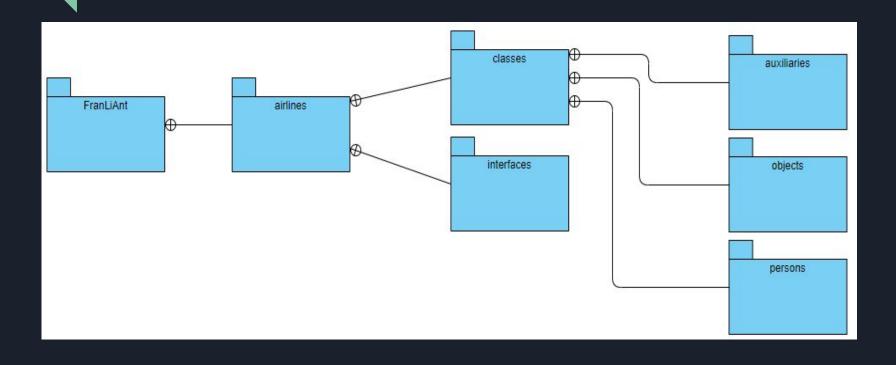
# PROYECTO AIRLINES

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## DISTRIBUCIÓN DE PAQUETES



### Package airlines.classes.auxiliaries

#### Date -day:int -month:int -year:int -hour:int -minute:int +withDate:boolean +withHour:boolean +setDate(int day, int month, int year):void +setTime(int hour,int min):void +getDay():int +getMonth():int +getYear()int; +getHour():int +getMinute():int +validateYear(int year):boolean +validateMonth(int month):boolean +validateDay(int day, int month, int year):boolean +isLeap(int year):boolean +validateHour(int hour):boolean +validateMinute(int min):boolean +toString():String

+nextDay():void

	IDs
+id:Strin	g
+setID1	(Object obj):void
+setID2	(AirCompany company, Airplane plane, int number):voi
+setID3	(AirCompany company, Date hour, Airport airport):void
+setID4	(Flight flight, int row, char letter):void
+setID5	(intin):void
+getID()	:String
+toString	g():String
	Table
+header	rFlights:List <string> (static)</string>
+header	rPlanes:List <string> (static)</string>
+header	rEmployees:List <string> (static)</string>
	rClients:List <string> (static)</string>
+compa	ny:AirCompany
+printTa	ble(String[]] table):void
+create1	FableFlights():String[[]
	FableEmployee():String[][]
+create1	
+create1 +create1	FableClient():String[][
+create1 +create1 +genera	FableClient():String[][ teSpaces(int n):String
+create1 +create1 +genera +genera	FableClient():String[][

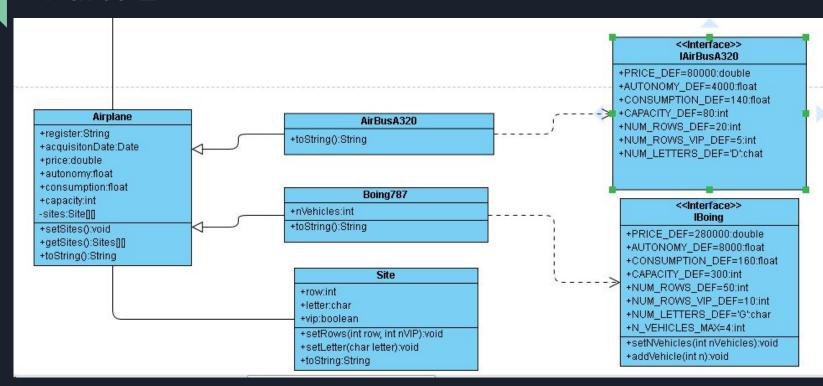
Manu
Menu
-instance:Menu (static)
+company:AirCompany
+sc:Scanner
+principalMenu:List <string></string>
+getInstance(AirCompany company):Menu (static)
+showMenu():void
+optionMenu(int o):void
+option1():void
+option2():void
+option3():void
+option4():void
+option5():void
+option6():void
+option7():void
+option8():void
+option9():void
+option10():void
+option11 ():void

# Package airlines.classes.objects Parte 1

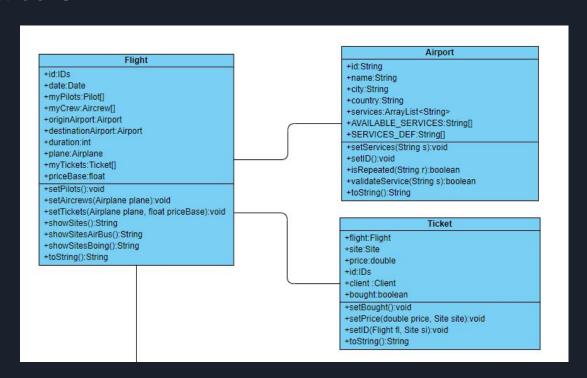
#### <<Interface>> **IAirCompany** +hireEmployee(Employee emp):boolean +fireEmployee(Employee emp):boolean +listEmployee():void +searchEmployee(String dni):Employee +totalSalary():double +addPlane(Airplane plane):boolean +listPlane():void +removePlane(Airplane plane):boolean +searchPlane(String id):Airplane +addFlight(Flight fly. Date date):boolean +listFlight():void +searchFlight(String id):Flight +removeFlight(Flight fly):boolean +addClient(Client someone):boolean +listClient():void +searchClient(String dni):Client +removeClient(Client someone):boolean +buyTicket(Client cli,Flight fl,int row,char col):boolean +removeTicket(String id ,String dni):boolean +searchTicket(String id):Ticket +getFreeSeatsFromFlight(Flight fl):String +getRentabilityOfFlight(Flight fl):double +escalationFlights(String o, String d):void

#### <<Class>> **AirCompany** +name:String +code:IDs +Ceo:CEO +fundationDate:Date +nEmployees:int (Static) +nAirbus:int (Static) +nBoings:int (Static) +fundationDate: Date +planes:ArrayList<Airplane> +employees:ArrayList<Employee> +airport:ArrayList<Airport> +flights:ArrayList<Flight> +clients:ArrayList<Client> +tickets:ArrayList<Ticket> +setCode():void +searchFlight(String origin, String destination):List<Flight> +searchTicket(Flight fl, int row, char letter):Ticket

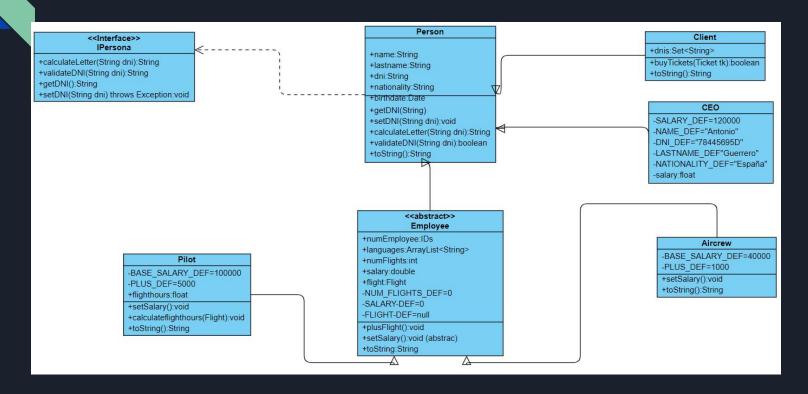
## Package airlines.classes.objects Parte 2



# Package airlines.classes.objects Parte 3



## Package airlines.classes.persons



# Demostración del programa

