

-first  
0 ... 1

+PATH\_NAME\_OF\_AIRLINES: St

+PATH\_DESTINATION\_CITY\_DAT

-name : String

-airlineNames: String[]

-destinationCity: String [

+Airport(name:String)

+generateFlight(size:in):

+loadAirlineNames()

+loadDestinationCity(): vo

+getName(): String

+setName (name:String): vo

+sortByAirline(): void

+sortByNumberOfFlight(): v

+sortByDestinationCity():

+sortByPortOfShipment(): v

+sortByDate(): void

+searchByAirline(flight:Fl

+searchByDate(day:int, mont

+searchByTime(hour:int, mon

+searchByNumberOfFlight(nu

+searchByDestinationCity(d

---

## Airport

---

ring = data/name\_of\_airlines

A: String = data/Destination\_city\_dat

---

]

---

void

id

id

oid

void

oid

ight,Name:String): Flight

h:int,year:int): String

th:int,period:String): void

mberOfFLight:int): Flight

estinationCity:String): Flight



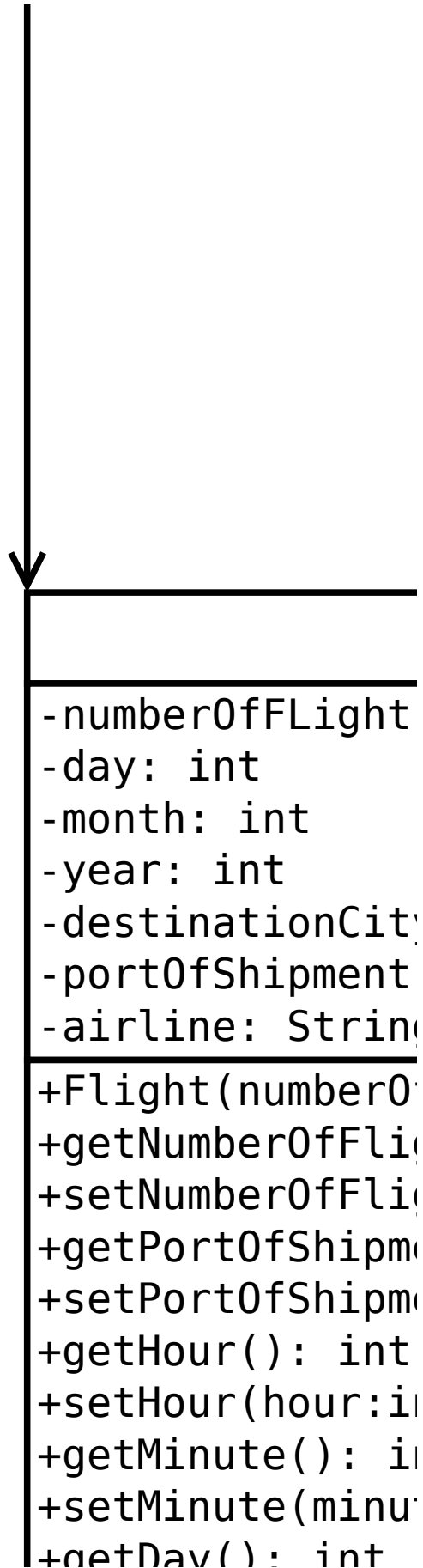












```
+searchByDestinationCity(a  
+searchByPortOfShipment(po  
+checkEmpty(): boolean  
+addList(flight:Flight): v
```

---

---

```
: int
```

```
y: String
```

```
: int
```

```
g
```

---

```
fFlight:int,portOfShipment:int,hour:i
```

```
ght(): int
```

```
ght(numberOfFlight:int): void
```

```
ent(): int
```

```
ent(portOfShipment:int): void
```

```
nt): void
```

```
nt
```

```
te:int): void
```

```
estinationCity:String): Flight  
rtOfShipment:int): Flight
```

oid

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## Flight

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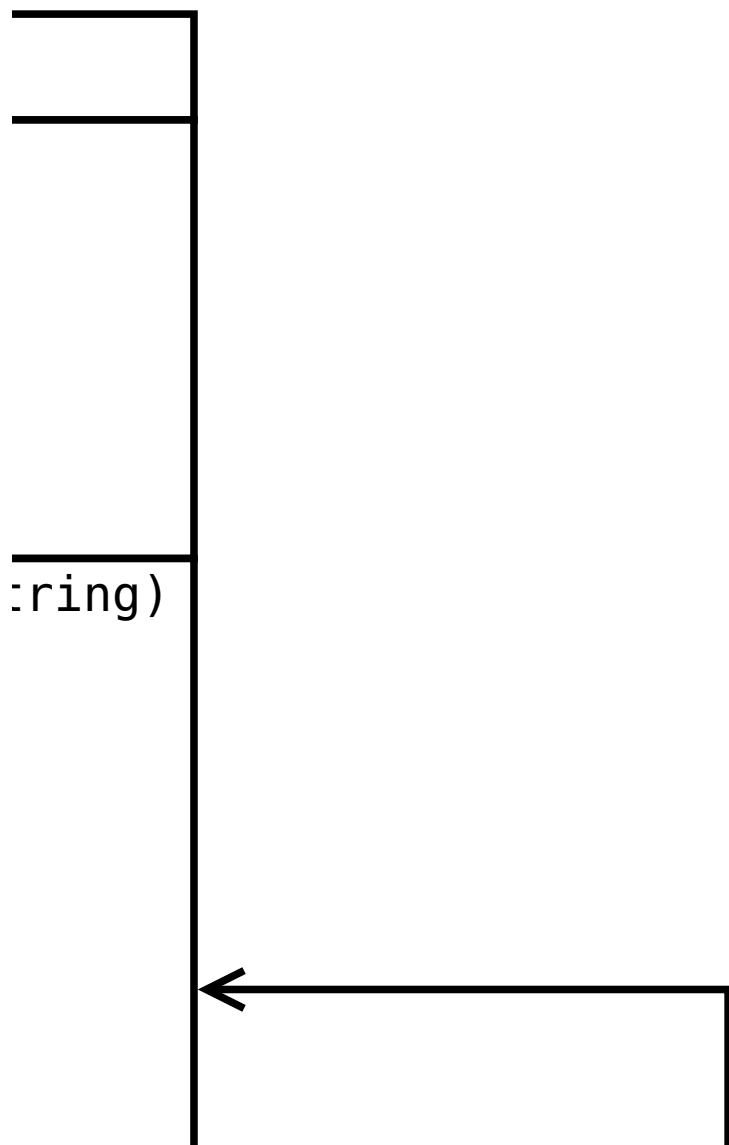
---

nt,minute:int,day:int,month:int,year:



---

int, destinationCity:String, airline:St











```

+getDay(): int
+setDay(day:int)
+getMonth(): int
+setMonth(month:int)
+getYear(): int
+setYear(year:int)
+getDestination(): String
+setDestination(destination:String)
+getAirline(): String
+setAirline(airline:String)
+getNextFlight(): Flight
+setNextFlight(nextFlight:Flight)
+getPreviousFlight(): Flight
+setPreviousFlight(previousFlight:Flight)

```

```

- hour : int
- minute : int
- periodo: String

+Time(hour:int, minute:int, periodo:String)
+getHour(): int
+setHour(hour:int)
+getMinute(): int
+setMinute(minute:int)
+getPeriod(): String

```

) : void

t

:int) : void

nt) : void

City() : String

City(destinationCity:String) : void

String

line:String) : void

) : Flight

nextFlight:Flight) : void

ht() : Flight

ht(previousFlight:Flight) : void

-time

0 ...1

**Time**

g

minute:int,period:String)

nt) : void

nt

te:int) : void

tring



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-nextFlight

0 ... 1









```
+setPeriod(peri  
+toString(): St
```

```
od:String): void  
ring
```

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