

Transport

- Name: String
- isRental: Boolean
- maxPassengers: int
- price: double
- pickup: String

<<constructor Transport(Name: String, isRental: Boolean, maxPassengers: int, price: double, pickup: String) >>

- + getPrice(): double
- + getisRental(): Boolean
- + getMaxPassengers(): int
- + getPickup(): String
- + getName(): String

- + setPrice(price: double)
- + setisRental(rental: Boolean)
- + setMaxPassengers(maxPassengers: int)
- + setPickup(pickup: String)
- + setName(name: String)

+ mod_number(dollar: Boolean, number: double, units: String): String

- + toPartialString(): String
- + multiPrice(): String
- + toString(): String

AirTransportation

- Name: String
- isRecreational: Boolean
- isInternational: Boolean
- avgSpeed: double

<<constructor AirTransportation(Name: String, isRecreational: Boolean, isInternational: Boolean, avgSpeed: double) >>

- + getavgSpeed(): double
- + getisRecreational(): Boolean
- + getisInternational(): Boolean
- + getName(): String
- + setAvgSpeed(avgSpeed: double)
- + setisRecreational(isRecreational: Boolean)
- + setisInternational(isInternational: Boolean)
- + setName(name: String)
- + multiPrice(): String
- + toString(): String

Submarine

- Name: String
- maxDepth: double
- tripLength: double
- scenery: String
- warnings: String
- departureTime: String

<<constructor Submarine(Name: String, maxDepth: double, tripLength: double, scenery: String, warnings: String, departureTime: String) >>

- + getName(): String
- + getisMaxDepth(): Boolean
- + getTripLength (): int
- + getScenery(): String
- + getWarnings(): String
- + getDepartureTime(): String

- + setName(name: String)
- + setMaxDepth (maxdepth: double)
- + setTripLength (tripLength: double)
- + setScenery(scenery: String)
- + setWarnings(warnings: String)
- + setDepartureTime(departureTime: String)

- + toString(): String

WaterTransportation

- Name: String
- isRecreational: Boolean
- isInternational: Boolean
- avgSpeed: double

<<constructor WaterTransportation(Name: String, isRecreational: Boolean, isInternational: Boolean, avgSpeed: double) >>

- + getavgSpeed(): double
- + getisRecreationall(): Boolean
- + getisInternational(): Boolean
- + getName(): String
- + setAvgSpeed(avgSpeed: double)
- + setisRecreational(isRecreational: Boolean)
- + setisInternational(isInternational: Boolean)
- + setName(name: String)
- + toPartialString(): String
- + toString(): String

Train

- Name: String
- tripLength: double
- destination: String
- perCar: int
- numCars: int
- departureTime: String

<<constructor Train(Name: String, tripLength: double, destination: String, perCar: int, numCars: int, departureTime: String) >>

- + getName(): String
- + getTripLength(): double
- + getDestination(): String
- + getPerCar(): int
- + getNumCars(): int
- + getDepartureTime(): String
- + setName(name: String)
- + setTripLength(tripLength: double)
- + setDestination(destination: String)
- + setPerCar(perCar: int)
- + setNumCars(numCars: int)
- + setDepartureTime(departureTime: String)
- + multiPrice(): String
- + toString(): String

Plane

- Name: String
- flightTime: double
- destination: String
- departureTime: String
- firstClass: Boolean
- firstClassPrice: double
- firstClassSold: Boolean

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<<constructor Plane(Name: String, flightTime: double,  
destination: String, departureTime: String, firstClass:  
Boolean, firstClassPrice: double, firstClassSold: Boolean)  
>>
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- + getName(): String
- + getflightTime(): double
- + getDestination(): String
- + getfirstClass(): Boolean
- + getfirstClassPrice(): double
- + getfirstClassSold(): Boolean
- + getDepartureTime(): String
- + setName(name: String)
- + setflightTime(flightTime: double)
- + setDestination(destination: String)
- + setfirstClass(firstClass: Boolean)
- + setfirstClassPrice(firstClassPrice: double)
- + setfirstClassSold(firstClassSold: Boolean)
- + setDepartureTime(departureTime: String)
- + toString(): String

LandTransportation

- Name: String
- isRecreational: boolean
- isAllTerrain: boolean
- isElectric: boolean
- isDiesel: boolean
- isGasoline: boolean
- fuelOther: String
- avgSpeed: double

- <<constructor LandTransportation(Name: String, isRecreational: boolean, isAllTerrain: boolean, isElectric: boolean, isDiesel: boolean, isGasoline: boolean, fuelOther: String, avgSpeed: double) >>

- + getFuelOther(): String
- + getIsRecreational(): boolean
- + getIsAllTerrain(): boolean
- + getIsElectric(): boolean
- + getIsDiesel(): boolean
- + getAvgSpeed(): double
- + getIsGasoline(): boolean

- + setFuelOther(fuelOther: String)
- + setDiesel(isDiesel: boolean)
- + setRecreational(isRecreational: boolean)
- + setAllTerrain(isAllTerrain: boolean)
- + setElectric(isElectric: boolean)
- + setAvgSpeed(avgSpeed: double)
- + setGasoline(gasoline: boolean)

- + toString(): String

HotAirBalloon

- Name: String
- flightTime: double
- departureTime: String
- hasDestination: boolean
- destination: String

- <<constructor HotAirBalloon(Name: String, flightTime: double, departureTime: String, hasDestination: boolean, destination: String) >>

- + getName(): String
- + getFlightTime(): double
- + getDepartureTime(): String
- + getHasDestination(): boolean
- + getDestination(): String

- + setName(name: String)
- + setFlightTime(flightTime: double)
- + setDepartureTime(departureTime: String)
- + setHasDestination(hasDestination: boolean)
- + setDestination(destination: String)

- + toString(): String

Helicopter

- Name: String
- flightTime: double
- departureTime: String
- hasDestination: boolean
- destination: String

<<constructor Helicopter(Name: String, flightTime: double, departureTime: String, hasDestination: boolean, destination: String) >>

- + getName(): String
- + getFlightTime(): double
- + getDepartureTime(): String
- + getHasDestination(): boolean
- + getDestination(): String
- + setName(name: String)
- + setFlightTime(flightTime: double)
- + setDepartureTime(departureTime: String)
- + setHasDestination(hasDestination: boolean)
- + setDestination(destination: String)
- + toString(): String

Dirigible

- Name: String
- flightTime: double
- departureTime: String
- hasDestination: boolean
- destination: String

- <<constructor Dirigible(Name: String, flightTime: double, departureTime: String, hasDestination: boolean, destination: String) >>
 - + getName(): String
 - + getFlightTime(): double
 - + getDepartureTime(): String
 - + getHasDestination(): boolean
 - + getDestination(): String

 - + setName(name: String)
 - + setFlightTime(flightTime: double)
 - + setDepartureTime(departureTime: String)
 - + setHasDestination(hasDestination: boolean)
 - + setDestination(destination: String)

 - + toString(): String

Bus

- Name: String
- tripLength: double
- destination: String
- departureTime: String

<<constructor Bus(Name: String, tripLength: double, destination: String, departureTime: String) >>

- + getName(): String
- + getTripLength(): double
- + getDestination(): String
- + getDepartureTime(): String
- + setName(name: String)
- + setTripLength(tripLength: double)
- + setDestination(destination: String)
- + setDepartureTime(departureTime: String)
- + toString(): String

Boat

- Name: String
- vehicleClass: String
- rentalDays: int

<<constructor Boat(Name: String, rentalDays: int, vehicleClass: String) >>

- + getName(): String
- + getVehicleClass(): String
- + getRentalDays(): int
- + setName(name: String)
- + setVehicleClass(vehicleClass: String)
- + setRentalDays(rentalDays: int)
- + toString(): String

Ship

- Name: String
 - vehicleClass: String
 - tripLength: double
 - isDays: Boolean
 - destination: String
 - allInclusive: Boolean
 - stops: String
 - maxPerRoom: int
 - isCruise: Boolean
 - buyDrinkTicket: Boolean
 - drinkTicketPrice: double
 - isFerry: Boolean
 - departureTime: String
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- <<constructor Ship(Name: String, vehicleClass: String, tripLength: double, isDays: Boolean, destination: String, allInclusive: Boolean, stops: String, maxPerRoom: int, isCruise: Boolean, buyDrinkTicket: Boolean, drinkTicketPrice: double, allInclusive: double, isFerry: Boolean, departureTime: String)) >>
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- + getName(): String
 - + getVehicleClass(): String
 - + getTripLength(): double
 - + getIsDays(): Boolean
 - + getDestination(): String
 - + getAllInclusive(): Boolean
 - + getStops(): String
 - + getMaxPerRoom(): int
 - + getIsCruise(): Boolean
 - + getDrinkTicketPrice(): double
 - + getBuyDrinkTicket(): Boolean
 - + getIsFerry(): Boolean
 - + getDepartureTime(): String
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- + setName(name: String)
 - + setVehicleClass(vehicleClass: String)
 - + setTripLength(tripLength: double)
 - + setIsDays(isDays: Boolean)
 - + setDestination(destination: String)
 - + setAllInclusive(allInclusive: Boolean)
 - + setStops(stops: String)
 - + setMaxPerRoom(maxPerRoom: int)
 - + setIsCruise(isCruise: Boolean)
 - + setDrinkTicketPrice(drinkTicketPrice: double)
 - + setBuyDrinkTicket(buyDrinkTicket: Boolean)
 - + setIsFerry(isFerry: Boolean)
 - + setDepartureTime(departureTime: String)
-
- + toString(): String