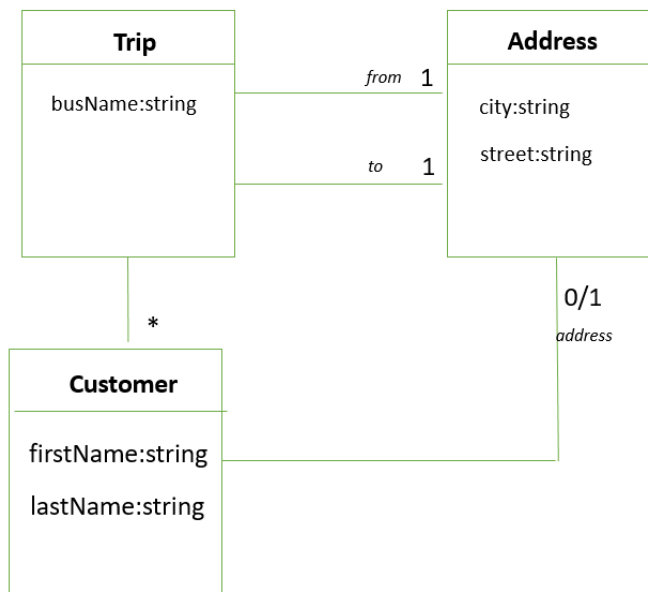


C2- S4 – PRACTICE- BUS TRIP



We want to manage BUS trips, and customers going to each trips

- A Trip
 - o Has a list of customers,
 - o The bus is going from a departure address to an arrival address
- A customer
 - o Has a first/last name
 - o Can have an address , but he/she does need to mention it
- Address must be defined using class , as it contains many information



Q1 Create the **OOP model** (classes / attributes/ constructors / setters) needed to match with this problem

Q2 Create the following **instance** of this OOP model:

CUSTOMERS

First name	Last Name	Address
Ronan	Ogor	Paris, France
Him	Hey	<i>No address</i>
Sovanda	Chib	Phnom Penh, Cambodia

TRIPS

Bus name	KAKA Bus
Departure place	Phnom Penh, Cambodia
Arrival place	Kampot, Cambodia
Customers	Him, Sovanda

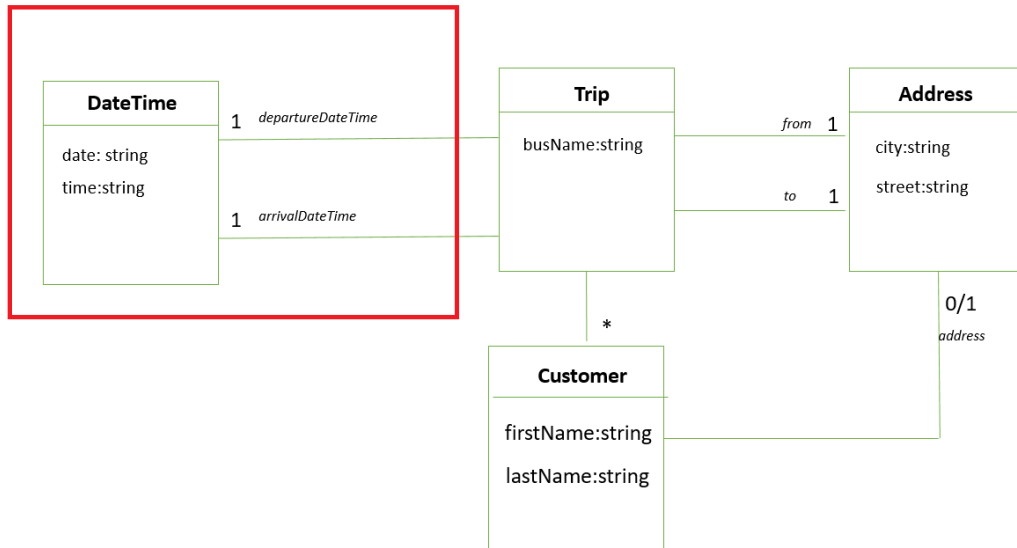
Bus name	LYHOR Express
Departure place	Phnom Penh, Cambodia
Arrival place	Sieam Reap, Cambodia
Customers	Him, Sovanda, Ronan

BONUS

(This part is optional: it will give you more points, but ONLY if the first part is correct!!!)

We want now to manage when the bus is leaving and arriving at its destination:

- The bus is leaving at a specific date/time and arriving at a specific date/time
- We create a class DateTime to manage both date and time together



Q1 Update the **OOP model** (classes / attributes/ constructors / setters) needed to match with this new problem

Q2 Update your bus instances to add their start and end date and time

- *Any data / time you want*