## **Exercise 3:**

## Server

memList: ArrayList<Person>
liftList: static ArrayList<String>

- +addPerson(name:String, age:int, gender: Gen, preference: Gen): void
- +findPerson(name:String): Person
- +match(p1:Person): static ArrayList<Person>
- +getLiftList():static ArrayList<String>

Gen (enum)
female, male

## Person

nextLift: String

age: int name: String gender: Gen preference: Gen

matches: ArrayList<Person> friends: ArrayList<Person> requests: ArrayList<Person>

- +getter and setter
- +constructor
- +friendrequest(Person):void