

# Car, Person, CarShop Example

Create new class CarShop

16. It should contains array with cars

17. Add constructor

CarShop(**int** capacity) – init the array cars



# Car, Person, CarShop Example

Add methods in class CarShop:

18. **boolean** addCar(Car car)

adds the car to the shop

19. Car getNextCar()

return the next car in the shop



# Car, Person, CarShop Example

Add methods in class CarShop:

20. **void** sellNextCar(Person buyer)

get the next car and sell it to the buyer

21. **boolean** removeCar(Car car)

removes the car from the shop. It must be called after the selling car to a buyer

22. **void** showAllCarsInTheShop()

print information for all the cars to the console



# Car, Person, CarShop Example

In class Demo:

23. Create CarShop and add cars to it

24. Test all the methods in class CarDemo. Sell car to somebody, show information to the console for all the cars in the shop

