Company

name: Stringemployees: List

- cars: List

- +setname(name:String)
- +getname():String
- +hireEmployee(employee:

Employee):String

- +fireEmployee(employee: Employee):String
- +getTotalSalaryCost():Float
- +addCar(car: Car):String
- +removeCar(car: Car):String
- +getInventory():List<Car>
- +makeSale(car: Car, employee:

Employee):Float

- +addSale(sale: Sale):Integer
- +getSalesProfit():Float
- +addCommission(employee: Employee,

commission: float):Float
+getCommission(employee:

Employee):Float

Car

- idNumber: String

name: Stringprice: Integer

- carType: String

- +setidNumber(idNumber:String)
- +getid():String
- +setname(name:String)
- +getname():String
- +setprice(price:Integer)
- +getprice():Integer
- +setcarType(carType:String)
- +getcarType():String

Employee

- id: String

- name: String

- DOB: Date

passport: StringiobTitle: String

- basicSalary: Float

- +setid(id:String)
- +getid():String
- +setname(name:String)
- +getname():String
- +setDOB(DOB:Date)
- +getDOB():Date
- +setpassport(passport:String)
- +getpassport():String
- +setjobTitle(jobTitle:String)
- +getjobTitle():String
- +setbasicSalary(basicSalary:Float)
- +getbasicSalary():Float

Sale

car: Stringamount: Floatdate: Date

- +setcar(car:String)
- +getcar():String
- +setamount(amount:Float)
- +getamount():Float
- +setdate(date:Date)
- +getdate():Date

Manager

salespersons: List

super().__init__(id, name, DOB,
passport, jobTitle, basicSalary)

- +add_salesperson(salesperson:Salesperson)
- +remove_salesperson(salesperson:Salesperson)
- +modify_salesperson(salesperson:Salesperson)
- +get_salespersons():List
- +get_sales():Float

Salesperson

- sales: List

super().__init__(id, name, DOB, passport, jobTitle, basicSalary)

- +make_sale(car:str, amount:float)
- +add_commission(month:int, year:int, commission:float)
- +add_sale(sale:Sale)
- +get_sales():list
- +get_sales_profit(sales_profit:Sales)
- +get_commission(month:int, year:int):list