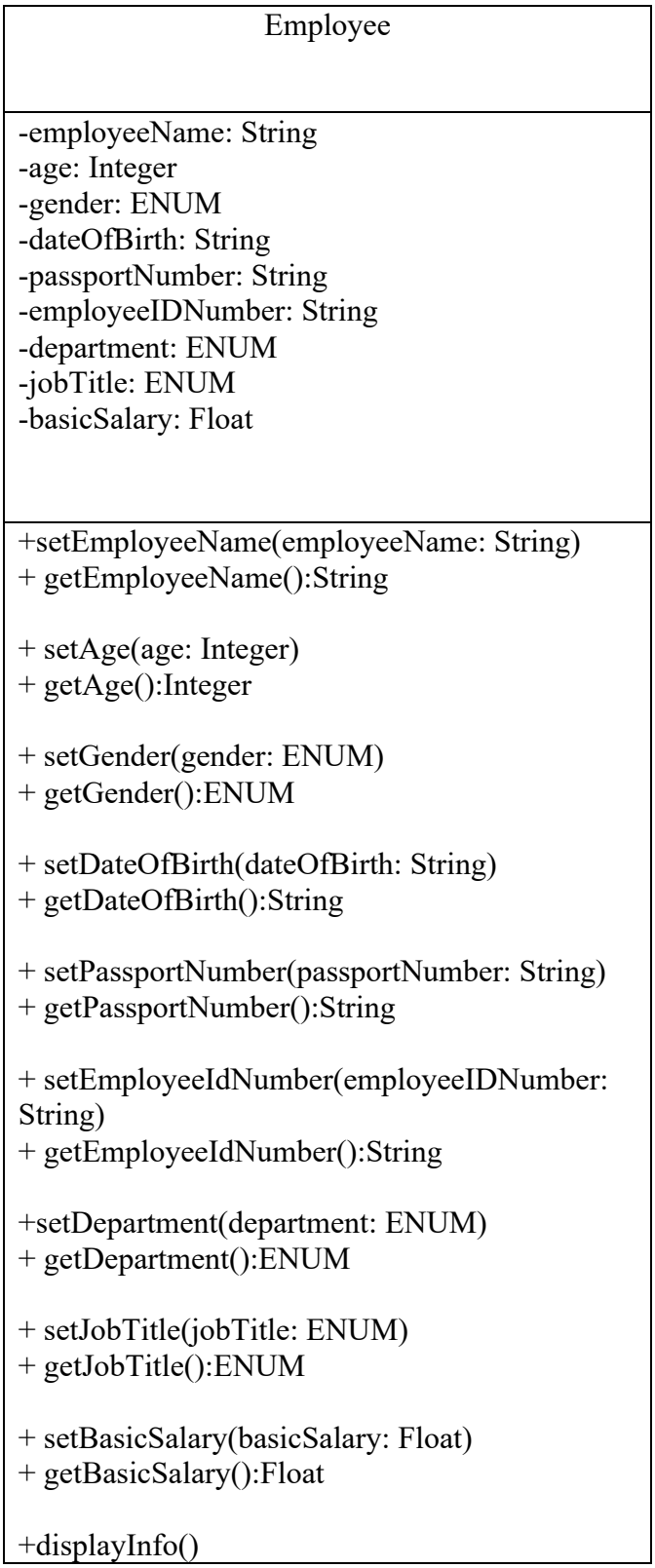
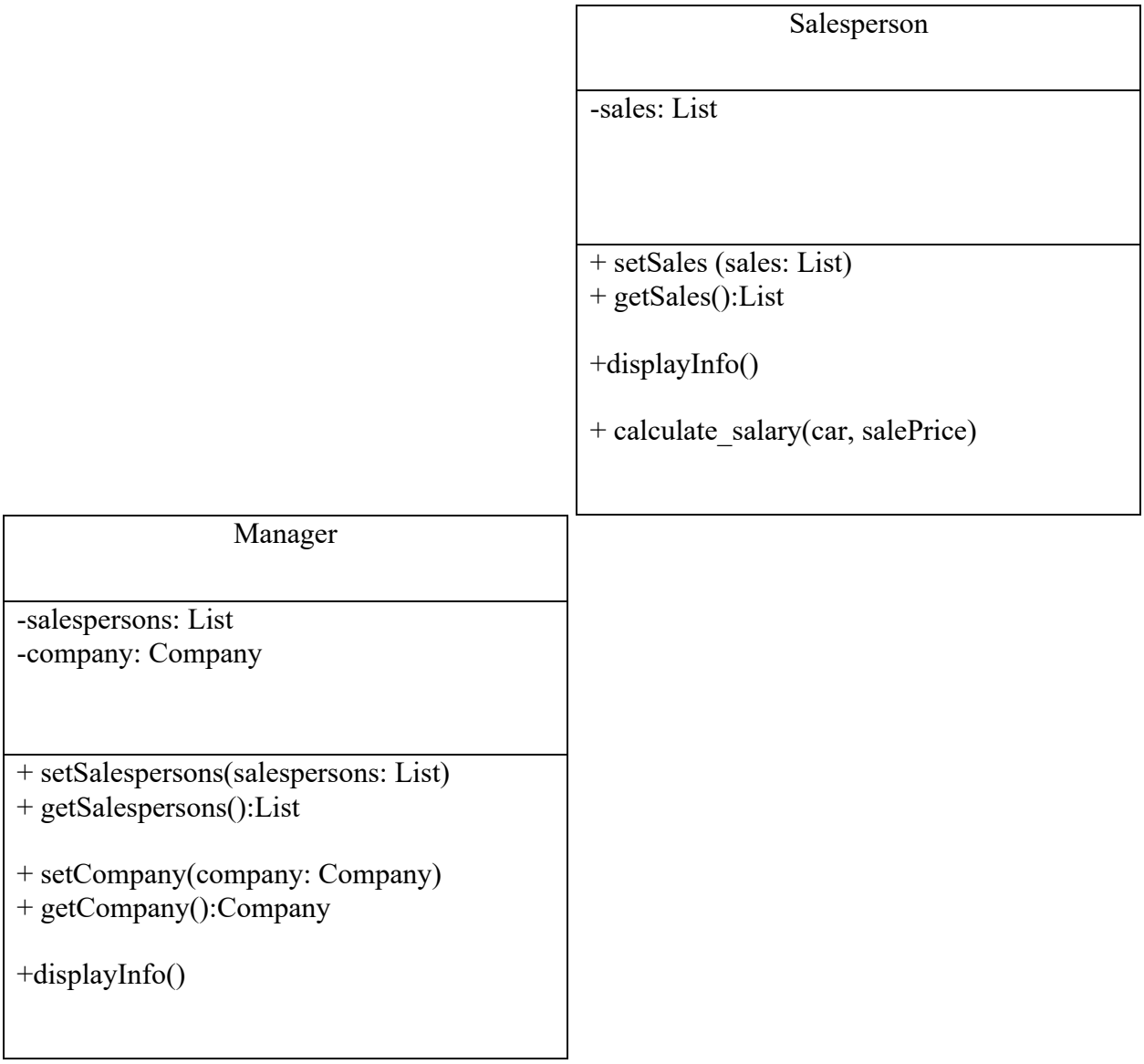
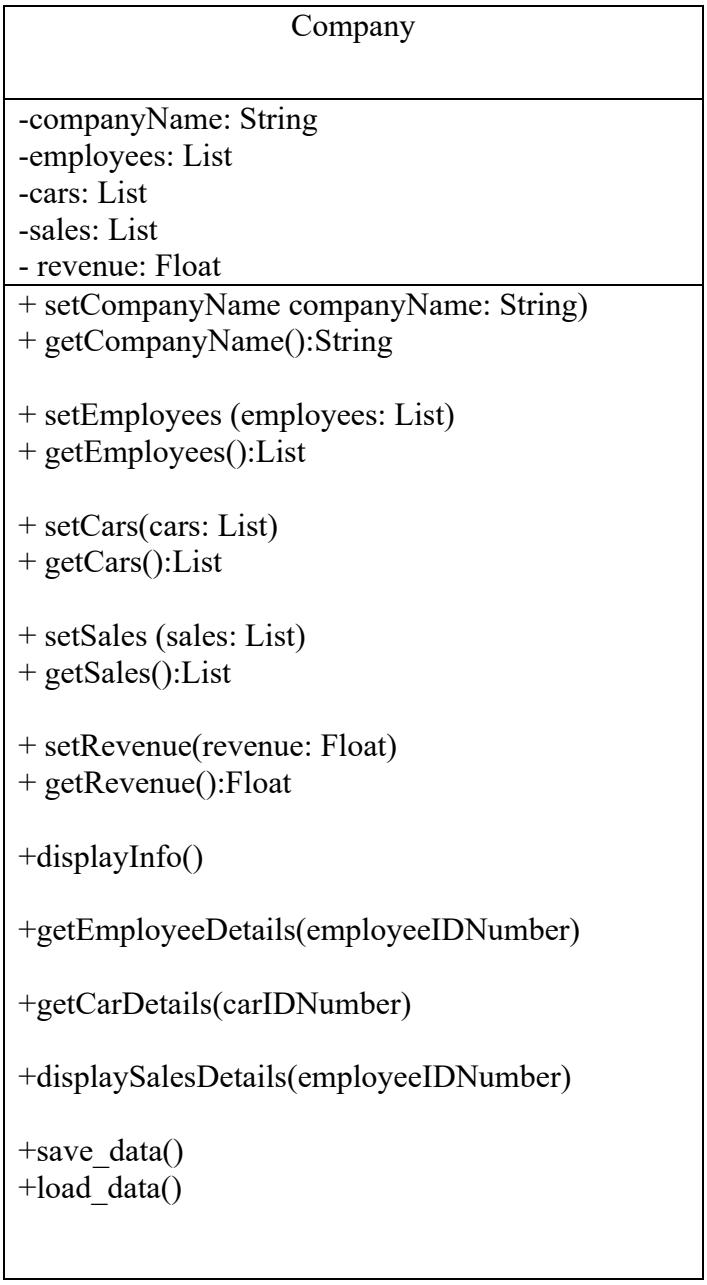
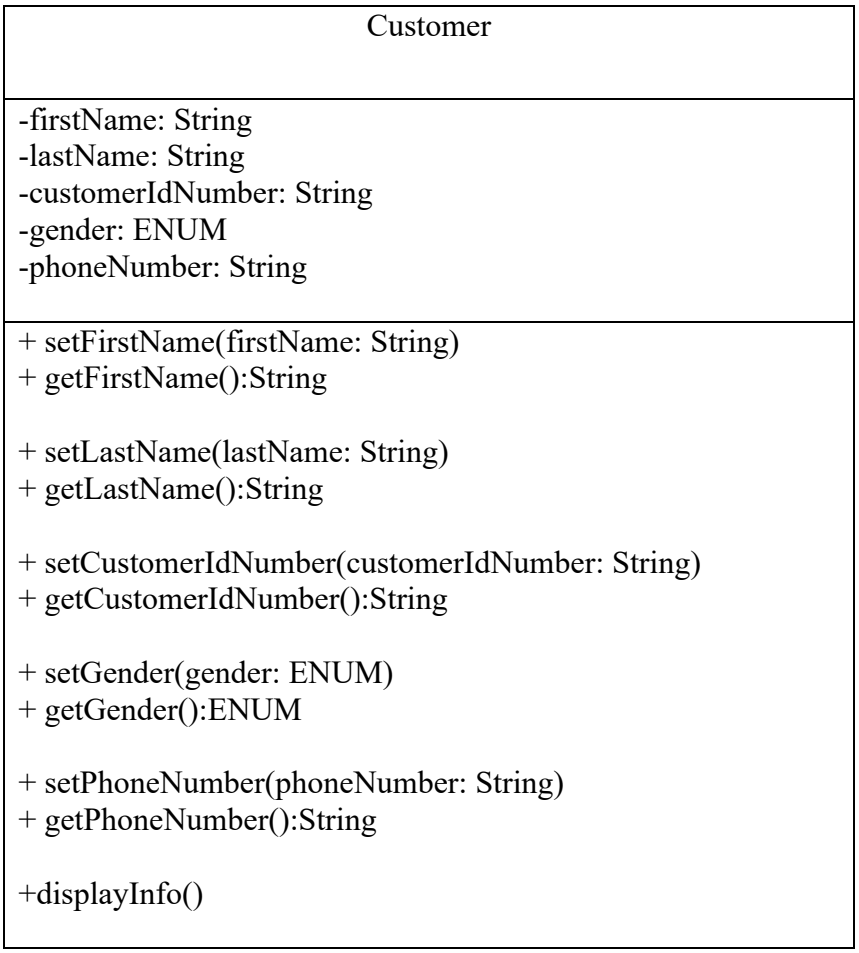
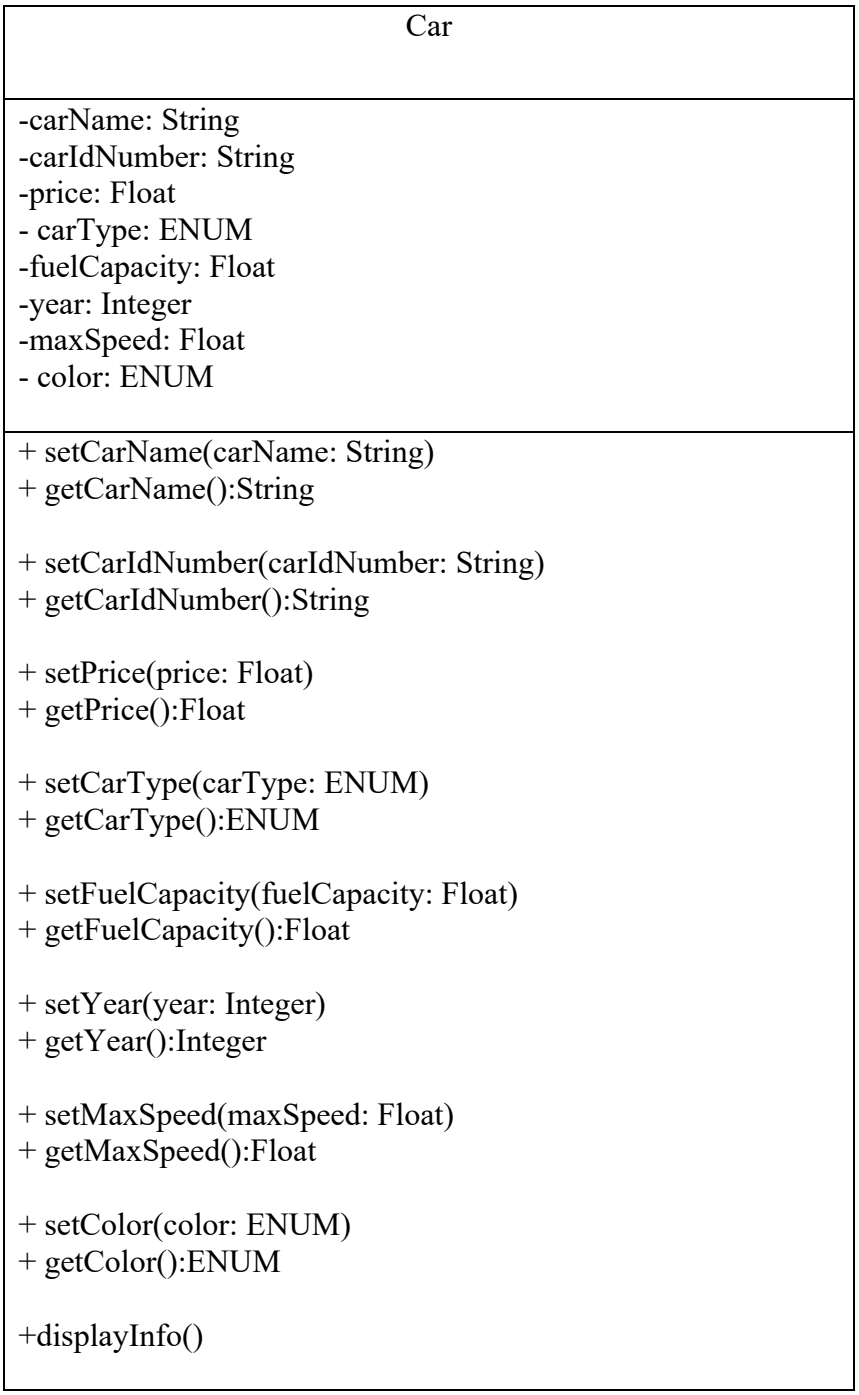
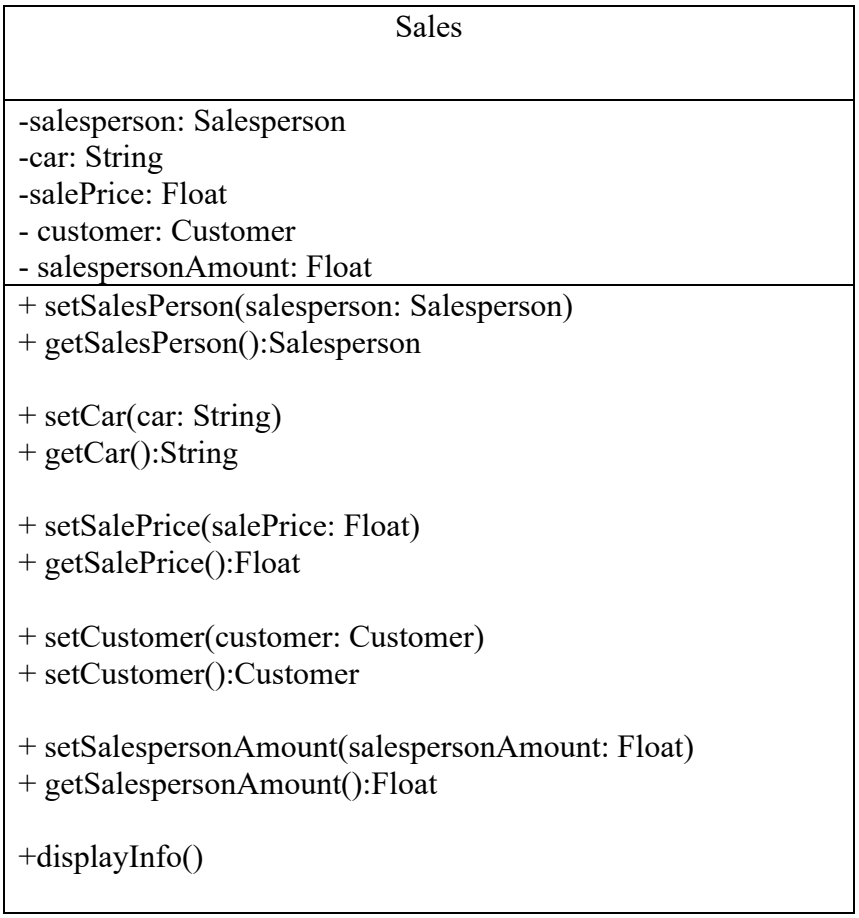

Employee
-employeeName: String
-age: Integer
-gender: ENUM
-dateOfBirth: String
-passportNumber: String
-employeeIDNumber: String
-department: ENUM
-jobTitle: ENUM
-basicSalary: Float
+setEmployeeName(employeeName: String)
+ getEmployeeName():String
+ setAge(age: Integer)
+ getAge():Integer
+ setGender(gender: ENUM)
+ getGender():ENUM
+ setDateOfBirth(dateOfBirth: String)
+ getDateOfBirth():String
+ setPassportNumber(passportNumber: String)
+ getPassportNumber():String
+ setEmployeeIdNumber(employeeIDNumber: String)
+ getEmployeeIdNumber():String
+setDepartment(department: ENUM)
+ getDepartment():ENUM
+ setJobTitle(jobTitle: ENUM)
+ getJobTitle():ENUM
+ setBasicSalary(basicSalary: Float)
+ getBasicSalary():Float
+displayInfo()

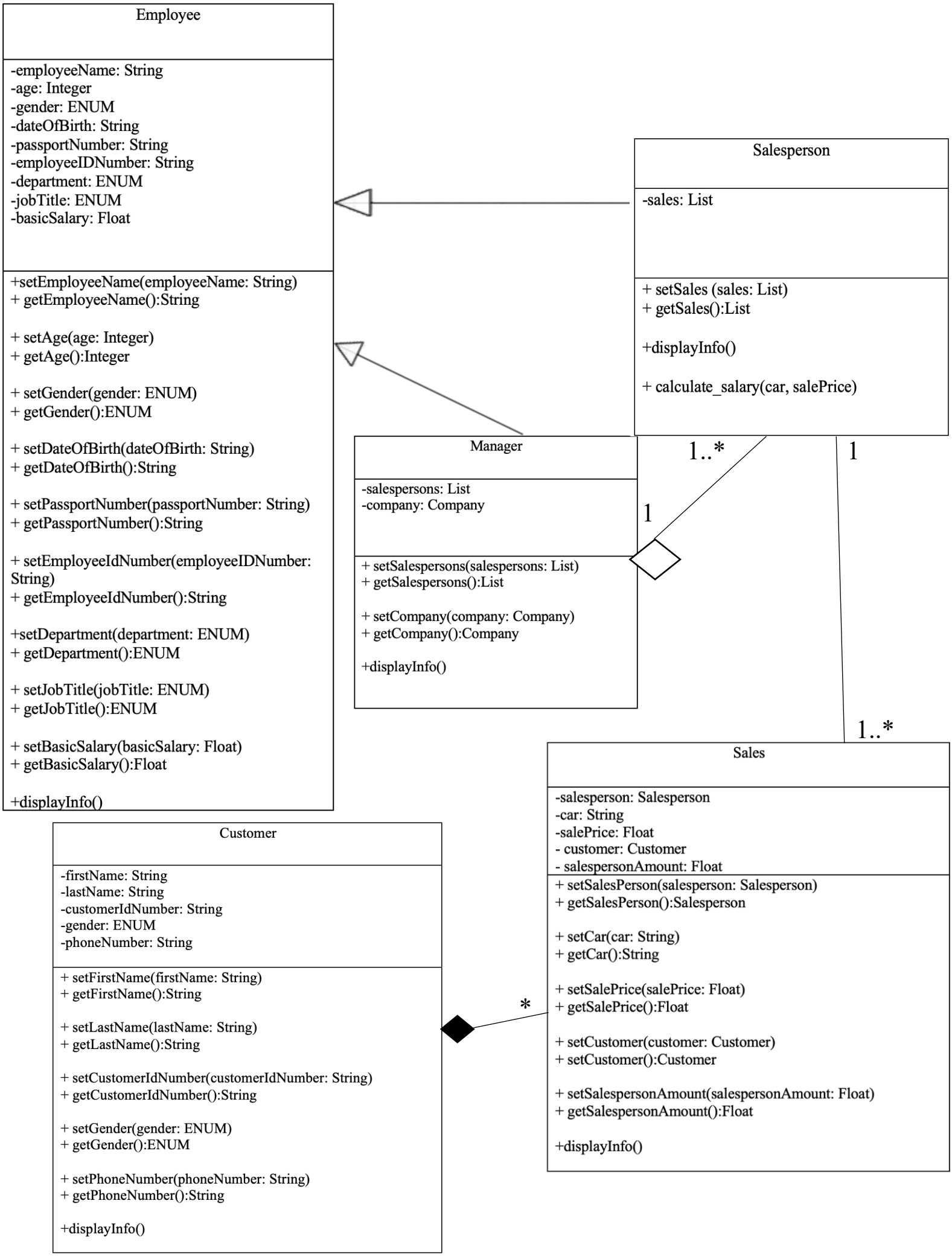

Salesperson
-sales: List
+ setSales (sales: List)
+ getSales():List
+displayInfo()
+ calculate_salary(car, salePrice)
Manager
-salespersons: List
-company: Company
+ setSalespersons(salespersons: List)
+ getSalespersons():List
+ setCompany(company: Company)
+ getCompany():Company
+displayInfo()

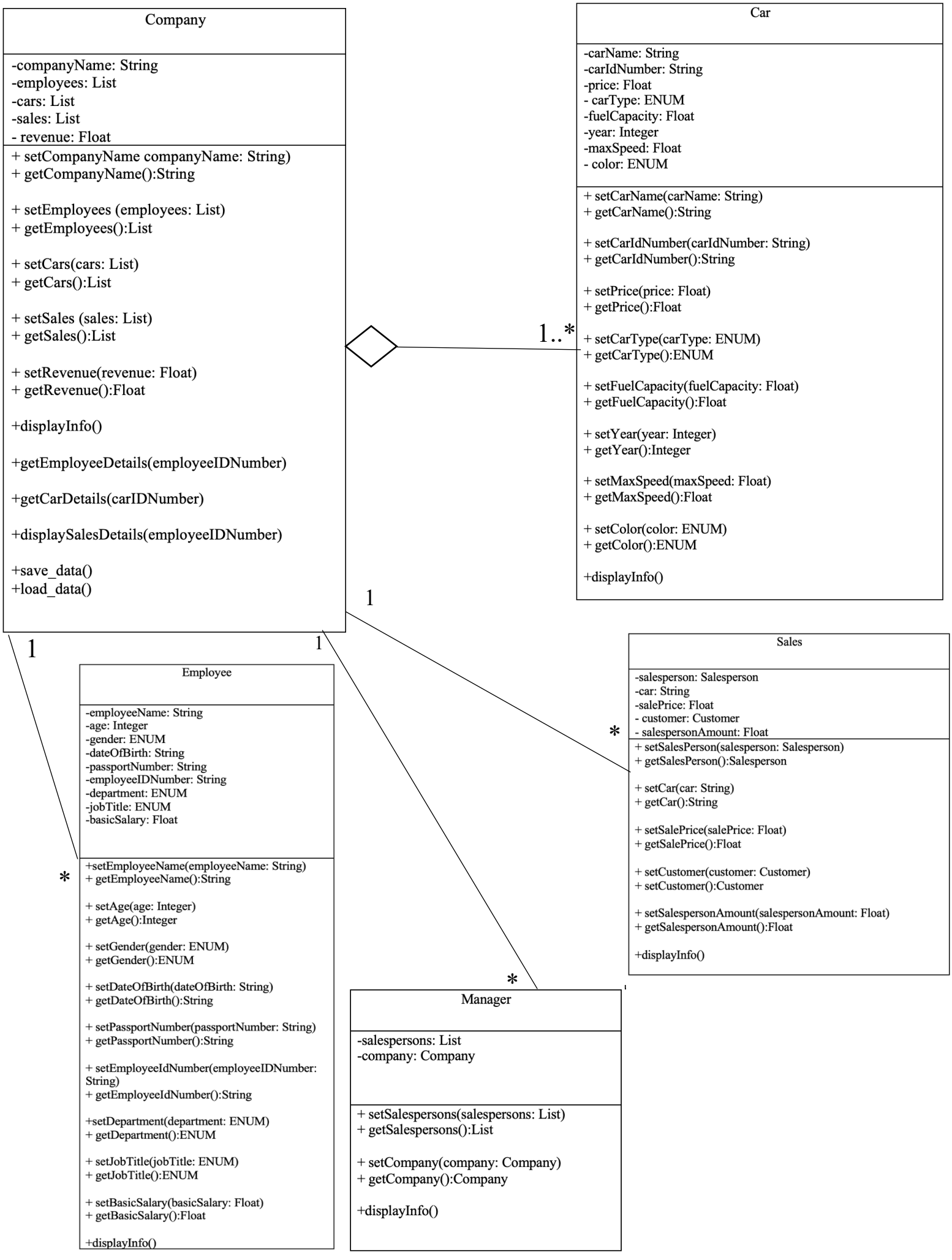

Company
-companyName: String
-employees: List
-cars: List
-sales: List
- revenue: Float
+ setCompanyName companyName: String)
+ getCompanyName():String
+ setEmployees (employees: List)
+ getEmployees():List
+ setCars(cars: List)
+ getCars():List
+ setSales (sales: List)
+ getSales():List
+ setRevenue(revenue: Float)
+ getRevenue():Float
+displayInfo()
+getEmployeeDetails(employeeIDNumber)
+getCarDetails(carIDNumber)
+displaySalesDetails(employeeIDNumber)
+save_data()
+load_data()


Customer
-firstName: String
-lastName: String
-customerIdNumber: String
-gender: ENUM
-phoneNumber: String
+ setFirstName(firstName: String)
+ getFirstName():String
+ setLastName(lastName: String)
+ getLastName():String
+ setCustomerIdNumber(customerIdNumber: String)
+ getCustomerIdNumber():String
+ setGender(gender: ENUM)
+ getGender():ENUM
+ setPhoneNumber(phoneNumber: String)
+ getPhoneNumber():String
+displayInfo()


Car
-carName: String
-carIdNumber: String
-price: Float
- carType: ENUM
-fuelCapacity: Float
-year: Integer
-maxSpeed: Float
- color: ENUM
+ setCarName(carName: String)
+ getCarName():String
+ setCarIdNumber(carIdNumber: String)
+ getCarIdNumber():String
+ setPrice(price: Float)
+ getPrice():Float
+ setCarType(carType: ENUM)
+ getCarType():ENUM
+ setFuelCapacity(fuelCapacity: Float)
+ getFuelCapacity():Float
+ setYear(year: Integer)
+ getYear():Integer
+ setMaxSpeed(maxSpeed: Float)
+ getMaxSpeed():Float
+ setColor(color: ENUM)
+ getColor():ENUM
+displayInfo()


Sales
-salesperson: Salesperson
-car: String
-salePrice: Float
- customer: Customer
- salespersonAmount: Float
+ setSalesPerson(salesperson: Salesperson)
+ getSalesPerson():Salesperson
+ setCar(car: String)
+ getCar():String
+ setSalePrice(salePrice: Float)
+ getSalePrice():Float
+ setCustomer(customer: Customer)
+ setCustomer():Customer
+ setSalespersonAmount(salespersonAmount: Float)
+ getSalespersonAmount():Float
+displayInfo()


Employee
-employeeName: String
-age: Integer
-gender: ENUM
-dateOfBirth: String
-passportNumber: String
-employeeIDNumber: String
-department: ENUM
-jobTitle: ENUM
-basicSalary: Float
+setEmployeeName(employeeName: String)
+ getEmployeeName():String
+ setAge(age: Integer)
+ getAge():Integer
+ setGender(gender: ENUM)
+ getGender():ENUM
+ setDateOfBirth(dateOfBirth: String)
+ getDateOfBirth():String
+ setPassportNumber(passportNumber: String)
+ getPassportNumber():String
+ setEmployeeIdNumber(employeeIDNumber: String)
+ getEmployeeIdNumber():String
+setDepartment(department: ENUM)
+ getDepartment():ENUM
+ setJobTitle(jobTitle: ENUM)
+ getJobTitle():ENUM
+ setBasicSalary(basicSalary: Float)
+ getBasicSalary():Float
+displayInfo()
Salesperson
-sales: List
+ setSales (sales: List)
+ getSales():List
+displayInfo()
+ calculate_salary(car, salePrice)
Manager
-salespersons: List
-company: Company
+ setSalespersons(salespersons: List)
+ getSalespersons():List
+ setCompany(company: Company)
+ getCompany():Company
+displayInfo()
1..*
1
1
1..*
Sales
-salesperson: Salesperson
-car: String
-salePrice: Float
- customer: Customer
- salespersonAmount: Float
+ setSalesPerson(salesperson: Salesperson)
+ getSalesPerson():Salesperson
+ setCar(car: String)
+ getCar():String
+ setSalePrice(salePrice: Float)
+ getSalePrice():Float
+ setCustomer(customer: Customer)
+ setCustomer():Customer
+ setSalespersonAmount(salespersonAmount: Float)
+ getSalespersonAmount():Float
+displayInfo()
*
Customer
-firstName: String
-lastName: String
-customerIdNumber: String
-gender: ENUM
-phoneNumber: String
+ setFirstName(firstName: String)
+ getFirstName():String
+ setLastName(lastName: String)
+ getLastName():String
+ setCustomerIdNumber(customerIdNumber: String)
+ getCustomerIdNumber():String
+ setGender(gender: ENUM)
+ getGender():ENUM
+ setPhoneNumber(phoneNumber: String)
+ getPhoneNumber():String
+displayInfo()


Company
-companyName: String
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-cars: List
-sales: List
- revenue: Float
+ setCompanyName companyName: String)
+ getCompanyName():String
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+getEmployeeDetails(employeeIDNumber)
+getCarDetails(carIDNumber)
+displaySalesDetails(employeeIDNumber)
+save_data()
+load_data()
Car
-carName: String
-carIdNumber: String
-price: Float
- carType: ENUM
-fuelCapacity: Float
-year: Integer
-maxSpeed: Float
- color: ENUM
+ setCarName(carName: String)
+ getCarName():String
+ setCarIdNumber(carIdNumber: String)
+ getCarIdNumber():String
+ setPrice(price: Float)
+ getPrice():Float
+ setCarType(carType: ENUM)
+ getCarType():ENUM
+ setFuelCapacity(fuelCapacity: Float)
+ getFuelCapacity():Float
+ setYear(year: Integer)
+ getYear():Integer
+ setMaxSpeed(maxSpeed: Float)
+ getMaxSpeed():Float
+ setColor(color: ENUM)
+ getColor():ENUM
+displayInfo()
1..*
1
1
1
*
Employee
-employeeName: String
-age: Integer
-gender: ENUM
-dateOfBirth: String
-passportNumber: String
-employeeIDNumber: String
-department: ENUM
-jobTitle: ENUM
-basicSalary: Float
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+ getEmployeeName():String
+ setAge(age: Integer)
+ getAge():Integer
+ setGender(gender: ENUM)
+ getGender():ENUM
+ setDateOfBirth(dateOfBirth: String)
+ getDateOfBirth():String
+ setPassportNumber(passportNumber: String)
+ getPassportNumber():String
+ setEmployeeIdNumber(employeeIDNumber: String)
+ getEmployeeIdNumber():String
+setDepartment(department: ENUM)
+ getDepartment():ENUM
+ setJobTitle(jobTitle: ENUM)
+ getJobTitle():ENUM
+ setBasicSalary(basicSalary: Float)
+ getBasicSalary():Float
+displayInfo()
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Sales
-salesperson: Salesperson
-car: String
-salePrice: Float
- customer: Customer
- salespersonAmount: Float
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+ setCar(car: String)
+ getCar():String
+ setSalePrice(salePrice: Float)
+ getSalePrice():Float
+ setCustomer(customer: Customer)
+ setCustomer():Customer
+ setSalespersonAmount(salespersonAmount: Float)
+ getSalespersonAmount():Float
+displayInfo()
*
Manager
-salespersons: List
-company: Company
+ setSalespersons(salespersons: List)
+ getSalespersons():List
+ setCompany(company: Company)
+ getCompany():Company
+displayInfo()