CS 234 Project

Stage: 2

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Employee

- -address:String
- -ethnicity:String
- -gender:String
- -phoneNumber:String
- -hours:double
- -payRate:double
- -insurance:boolean
- -untaxWage:double
- -taxedWage:double
- -employeeID: Int

- + setAdress(String):void
- + getAddress():String
- + setEthnicity(String):void
- + getEthnicity():String
- + setGender(String):void
- + getGender():String
- + setPhoneNumber(String):void
- + getPhoneNumber():String
- + setHours(double):void
- + getHours():double
- + addHours(double):void
- + setPayrate(double):void
- + getPayrate():double
- + setInsurance(Boolean):void
- + getInsurance():Boolean
- + getUntaxedWage():double
- + getTaxedWage():double
- + getEmployeeInfo(): String
- + setEmployeeID(): void
- + getEmployeeID(): Int

Vehicle

- ratePer25mile:double
- ratePerDay:double
- manual:boolean
- make:String
- year:int
- color:String
- plateNumber:String
- mileage:int
- gasInGals: double
- rentStatus:boolean
- spotInPark:int
- Maintenance:boolean
- vehicleType: String
- vehicleID: Int

- + get25Rate():void
- + set25Rate(double):void
- + getPerDayRate():void
- + setRatePerDayRate(double):void
- + getManual():Boolean
- + getMake():String
- + getYear():int
- + getColor():String
- + setColor():String
- + getPlateNum():
- + getMileage():double
- + setMileage(double):void
- + getGasInTank():double
- + setGasInTank(double):void
- + getRentStat():boolean
- + setRentStat(boolean):void
- + getParkSpot():int
- + getMaint():boolean
- + setMaint(boolean):void
- + Payment()

· rayineiii()

+ Miles:double =Car() mile new - old timeInHours:int timeInDays:int discountPerc:double discountApplied:boolean wasCleanupNeeded:boolean Total:double setTime(String):void Takes in time as String and calcul

Takes in time as String and calculates hours and days getTimeHr():int getTimeDays():int setDiscountPerc(double):void getDiscountPerc():double setDiscountApp(boolean):void getDiscountApp():Boolean setWasCleanNeed(boolean):void

Customer

- pickupTime:String __12/15/2023_3-hour
- dropOffTime:String __12/15/2023_3-hour
- icenseNumber:String_may have letters
- name:String
- insurComp:String
- cardNumber:String
- numOfPrevRent:int_Starts at zero
- hasAppointment:boolean
- appointPickTime:String __12/15/2023_3-hour
- appointDropTime:String __12/15/2023_3-hour
- carLate:boolean

setPickTime(String):void getPickTime():String

setDropTime(String):void getDropTime():String setLicenseNumber(String):void getLicenseNumber():void

setName/String).void

setName(String):void
getName():String
setIns(String):void
getIns():String
setCardNum(String):void
getCardNum():String
addToNumOfRent():void
setHasAppoint(boolean):void
getHasAppointment():boolean
setPickTime(String):void
getPickTime():String
setDropTime(String):void
getDropTime():String
setCarLate(boolean):void
getCarLate():boolean

Services

- + attribute1:type = defaultValue
- + attribute2:type
- attribute3:type
- + operation1(params):returnType
- operation2(params)
- operation3()

Interface

PrintSearch()
ArrayList<Customer>
ArrayList<Car>
ArrayList<Employee>
searchCust(Arraylist<Customer>)
searchCar(Arraylist<Customer>)
searchEmployee(Arraylist<Customer>)
printEmployeeWage():void
printCarInventory():void