ASSIGNMENT 3 (UML)

Address

- Street : String
- State : String
- City : String
- Zipcode : int

+Address
+Address(street : String , state : String , city : String , zipcode : int)
+getStreet (): String
+setStreet(street : String):void
+getState (): String
+setState(state : String):void
+getCity (): String
+setCity(city : String):void
+getZipcode (): int
+setZipcode(zipcode : int):void
+toString(): String

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Employee

- EmpName : String
- EmpNumber : String
- EmpHire_Date : Date
- EmpAddress : Address

+Employee()
+Employee (empname : String, empnumber : String, hire_date : Date, address: Address)
+getEmpName (): String
+setEmpName(name : String):void
+getEmpNumber (): String
+setEmpNumber(empnumber : String):void
+getHireDate (): String
+setHireDate(date : Date):void
+getAddress ():Address
+setAddress(address : Address):void
+isEmpNumberValid(): Boolean
+getTotalSalary(): double
+toString(): String

ShiftSupervisor

- MonthlySalary : double
- MonthlyBonus : double
- NumOfProductsMade : int
- NumOfTargetProducts : int

+ShiftSupervisor ()
+ShiftSupervisor (EmpName : String, EmpNumber : String, EmpHire_date : Date, address: Address , MonthlySalary : double, MonthlyBonus : double, NumOfProductsMade : int, NumOfTargetProducts : int)
+get MonthlySalary (): double
+set MonthlySalary (monthlySalary : double):void
+get MonthlyBonus (): double
+set MonthlyBonus (monthlyBonus : double):void
+get NumOfProductsMade (): int
+set NumOfProductsMade (numOfProductsMade : int):void
+get NumOfTargetProducts ():int
+set NumOfTargetProducts (numOfTargetProducts : int):void
+getTotalSalary(): double
+getFinancialSalaryAdvance() : double
+getRepaymentOfFinancialSalary (): double
+toString(): String

ProductionWorker

- Shift : int
- payRate : double
- NumHoursInMonth : double

+ProductionWorker ()
+ProductionWorker (EmpName : String, EmpNumber : String, EmpHire_date : Date, address: Address , Shift: int , payRate: double , NumhoursInMonth : double)
+getShift (): int
+setShift(shift : int):void
+getPayRate (): double
+setPayRate(payrate : double):void
+getNumHoursInMonth (): String
+setNumHoursInMonth(HoursInMonth : double):void
+getTotalSalary(): double
+toString(): String
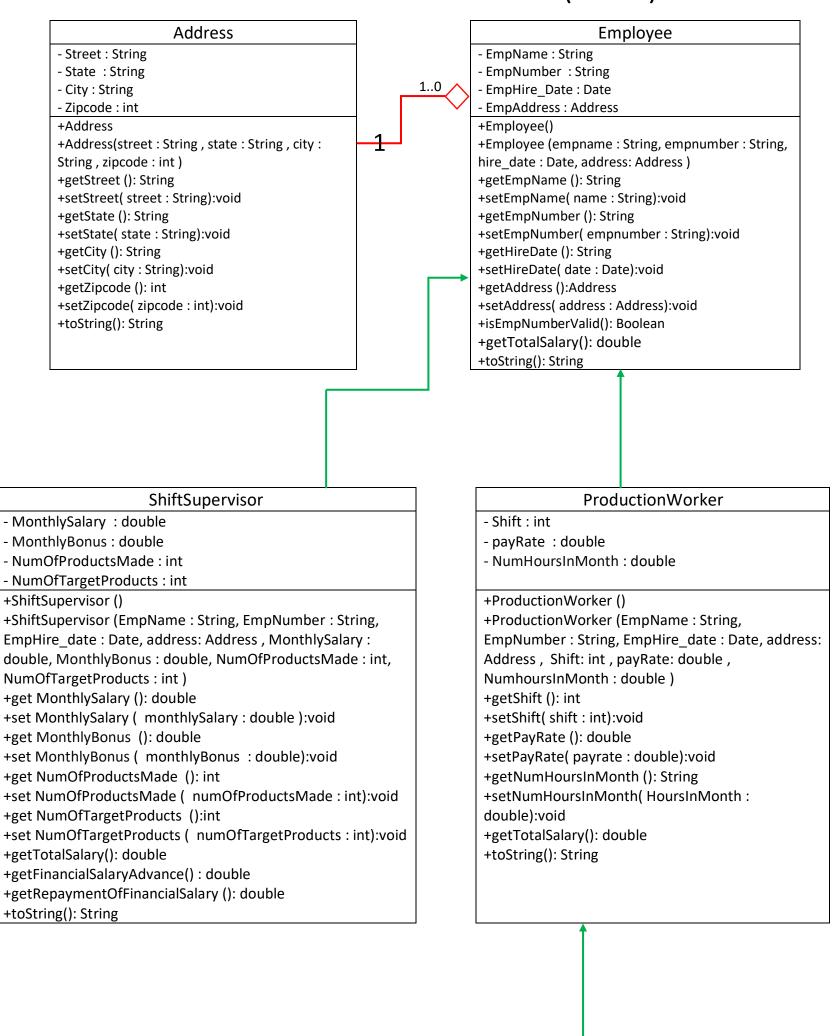
TeamLeader

- MonthlyBonus : double
- RequiredTrainingHours : double
- TrainingHoursAttended : double

+TeamLeader ()
+TeamLeaderr (EmpName : String, EmpNumber : String, EmpHire_date : Date , address: Address , Shift: int , PayRate: double , NumhoursInMonth : double , monthlyBonus : double, RequiredTrainingHours : double , TrainingHoursAttended : double)
+get MonthlyBonus (): double
+set MonthlyBonus (monthlyBonus : double):void
+get RequiredTrainingHours (): double
+set RequiredTrainingHours (requiredTrainingHours : double):void
+get TrainingHoursAttended (): double
+set TrainingHoursAttended (trainingHoursAttended : double):void
+getTotalSalary(): double
+getMoneyForSavingsFund(): double
+getFinalMoney(): double
+toString(): String