|  |
| --- |
| **BasicInfo** |
| * FirstName: String * LastName: String * ID: String * Department: String * Phone: String * Address: String * Email: String * Title: String |
| + BasicInfo()  + BasicInfo(String FirstName, String LastName, String ID, String Department, String Phone, String Address, String Email, String Title)  + getFirstName(): String  + setFirstName (A: String): void  + getLastName(): String  + setLastName(B: String): void  + getID(): String  + setID(C: String): void  + getDepartment(): String  + setDepartment(D: String): void  + getPhone(): String  + setPhone(E: String): void  + getAddress(): String  + setAddress (F: String): void  + getEmail(): String  + setEmail(G: String): void  + getTitle(): String  + setTitle(H: String): void  + toString( ): String |

|  |
| --- |
| **GenerateID** |
| * Department: BasicInfo * EmployeeID: String * PositionNum: String * DepartmentID: String * ConcatenatedID: String |
| +GenerateId()  +GenerateId(A: BasicInfo)  +getEmployeeId(): String  +setEmployeeId (B: String): void  +getDepartment(): String  +setDepartment(C: String): void  +getPositionNum(): String  +setPositionNum(D: String): void  +get ConcatenatedID(): String  +set ConcatenatedID(E: String): void  +toString( ):String |



|  |
| --- |
| **HoursandSalary** |
| * PayPerHours: Static Double * Budget: Static Int * TotalHoursPerWeek: Static Int |
| +HoursAndSalary()  +HoursAndSalary(A: Double, B: Double, C: Double)  +setSalary(): void  +getSalary(): Double  +getBudget(): Double  +setBudget(B: Double): void  +getTimeWorked() : double  +setTimeWorked(C: Double): void |



|  |
| --- |
| **HoursandSalary** |
| * Insurance: Int - OverTimePayPerHour: Int - OverTimeWorked: Int * Bonus: Double - miscCost: Double - yearlyExpense: double * totalSalary: Double |
| + SalaryCalc()  + SalaryCalc(int OverTimePayPerHour, int Budget, int TotalHoursPerWeek, int Insurance, double Bonus, int OverTimeWorked)  + getInsurance(): int  + setInsurance(A: int): void  + getOverTimePay(): int  + setOverTimePay(B: int): void  + getBonus(): double  + setBonus(C: Double): void  + setOvertimeWorked(): int  + getOvertimeWorked(D: int): void  + totalYearlySalary(): Double  + miscYearlyCostCalc(): Double  + yearlyExpenseCalc(): int  + budgetDeficitCalc(): void |