|  |
| --- |
| Person |
| #firstName:String  #lastName:String  #age:int  #id:int  #year:int |
| +Person()  +Person(firstName:String,lastName:String,age:int,year:int)  + toString():String |

|  |
| --- |
| Employee |
| +salaryPH:int=75  +salaryPHP:int=100  #hours:int |
| +Employee()  +Employee( firstName:String,lastName:String, age:int,year:int)  +Employee(firstName:String,lastName:String,age:int,year:int.hours:int)  +toString():String |

|  |
| --- |
| Student |
| #gpa:float  + stInBus:String  +numOfStInBus:int=0  +year:int  +stClass:String |
| +Student()  +Student(firstName:String,lastName:String,age:int,year:int,stInBus:String, stClass:String)  +Student(firstName:String,lastName:String,age:int,year:int,gpa:float, stInBus:String, stClass:String)  +getFirstName():String  +setFirstName(fn:String):void  +getLastName():String  +setLastName(ln:String):void  +getAge():int  +setAge(age:int):void  +getId():int  +setId(ID:int):void  +getGPA():float  +setGPA(gpa:float):void  +toString():String |

|  |
| --- |
| Teacher |
| -subject:String  -classes:String |
| +Teacher()  +Teacher(firstName:String,lastName:String  ,age:int,year:int)  +Teacher(firstName:String,lastName:String  ,age:int,year:int,hours:int,subject:String,classes:String)  +getFirstName():String  +setFirstName(fn:String):void  +getLastName():String  +setLastName(ln:String):void  +getId():int  +setId(ID:int):void  +getAge():int  +setAge(age:int):void  +getSalary():int  +getHours():int  +setHours(hours:int):void  +toString():String |

|  |
| --- |
| Class |
| - levelchoose={“S1G”,”S2S”,”S2H”,”SV”,”SG”,”SE”,”LH”}  -all\_students : Student[]  -all\_teachers : Teacher[]  -level:String |
| +Class()  +Class(level:Stirng)  +Class(level:String,st:Student[],teach:Teacher[])  +setlevel(level:String):void  +getlevel():String  +setStudent(st:Student[]):void  +getStudent():Student[]  +setTeacher(teach:Teacher[]):void  +getTeacher():Teacher[]  +toString():String |

|  |
| --- |
| Bus |
| -all\_students : Student[]  -inbus:String  -nbOfStudent:int=0 |
| +Bus()  +Bus(students:Student[])  +setStudents(st:Student[]):void  +addStToBus(firstName:String,lastName:String,age:int,  year:int,inbus:String,classs:String):void  +deletStudent(fn:String,ln:String):void  +getStudents():Student[]  +toString():String |

|  |
| --- |
| School |
| -name:String  -address:String  -all\_classes:Class[]  -classes:String[]={“S1G”,”S2S”,”S2H”,”SV”,”SG”,”SE”,”LH”} |
| +School()  +School(sc\_name:String,address:String,all\_classes:Class[])  +setName(name:String):void  +getName():String  +setAddress(address:String):void  +getAddress():String  +setAllClasses(cl:Class[]):void  +addClass(cl:Class):void  +getAllClasses():void  +toString:String |