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| --- |
| Teacher |
| -ID\_NUMBER:String  -TEACHERS\_CODE:String = 1234  -totalTeachers:int  -firstName:String  -lastName:String  -isGTCRegistered:Boolean  -assignedRoom:Classroom |
| +Teacher(firstName:String, lastName:String, GTCRegistered:Boolean,classRoom:Classroom)  +getFirstName():String  +getLastName():String  +setLastName(lastName:String):void  +getGTCStatus():String  +setGTCStatus(status:Boolean):void  +changeClassName(newname:String)  +toString():String |

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| --- |
| Pupil |
| -totalPupils:int  -STUDENT\_ID:int  -firstName:String  -lastName:String  -assignedGender:String  -needsAdditionalSupport:Boolean  -goldStudent:boolean  -silverStudent:boolean  -bronzeStudent:Boolean  -assignedRoom:Classroom |
| +Pupil( firstName:String, lastName:String, gender:String, class:Classroom)  +Pupil(firstName:String, lastName:String, gender:String, needsSupport:Boolean,class:Classroom)  +getStudentID():int  +setProgressTracker(level:String):void  +getProgressTracker():String  +getNeedsAdditionalSupport:String  +setNeedsAdditionalSupport(needsSupport:booean)  +changeClassName(newname:String)  +toString():String |

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| --- |
| Classroom |
| -termTimeName:String  -ROOM\_NUMBER:int  -CAPACITY:int  -HAS\_IT\_EQUIPTMENT:Boolean  -NAME\_CHANGE\_CODE:String = 1234 |
| +Classroom(name:String,roomNumber:int,capacity:int,hasITEquiptment:Boolean)  +setNewName(newname:String)  +setNewName(teacherCode:String, newName:String):void  +getRoomNumber():int  +getCapacity():int  +getHasITEquiptment():String  +toString():String |