

## GradeBook

Keeps track of 5 students, and 4 tests per student. Not how I'd design it but that's the design in the assignment. Normally I'd do a single class for a student, and a list of those students with the ability to add more tests and students.

-studentName: String[5]  
-studentLetterGrade: Char[5]  
-studentTests: Double[5][4]

Constructor:  
default constructor only

Getters:  
getStudentNameByIndex(index: int): String  
getStudentIndexByName(name: String): int  
getGradeAverageByIndex(index: int): Char  
getAverageScoreByIndex(index: int): Double  
getTestScoreByIndexByIndex(studentIndex: int, testIndex: int): Double

Methods:  
+addStudentAndGrades(index: index, name: String, gradeAvg: Char, testGrades: double[4]): void  
+calculateGradeAverageLetter(pTestGradeAverage: Double): char  
+calculateGradeAverage(pTestGrades: Double[]): double