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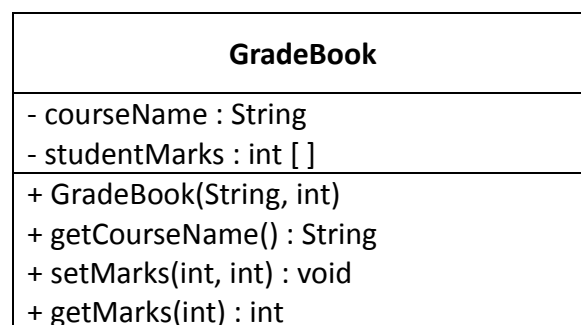
CSE 142 – Object Oriented Programming Techniques

50380 – Spring 2021

Day & Date: Thursday, February 18, 2021

Task One

Implement the class in JAVA as represented through following UML Class diagram

GradeBook
- courseName : String - studentMarks : int [ ]
+ GradeBook(String, int) + getCourseName() : String + setMarks(int, int) : void + getMarks(int) : int

Task Two

Write a test application in JAVA to test the GradeBook class by performing following steps

- Create an array of three instances of GradeBook
- Ask user for the course name and the total students for each instance and instantiate the instances
- From user given input, set marks of all the students for the first instance only.
- Display the course name, serial number and corresponding marks of the first instance of the GradeBook