




Coding Problem – College Management System III

Problem Statement

 Classroom

Spring Data JPA Queries
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Problem Submissions Solutions Doubts

 College Management System III - Spring Data JPA Queries 

Easy • Score 80/80 Advanced java

Problem statement [Send feedback](#)

In continuation of the previous problem, **the student management application** now wants to assess how a specified student performs overall, so they want to get an average of a student's grades. Write a function to achieve this.

Tasks:-

- Write a **Custom Native** query to get the student's average grade as mentioned below:
 - It takes the student ID (Integer) as input and returns an average score in double.
For example, a student with courses - in English, Hindi, and Maths and grades 93,67,86 should return a value of 82.
- In your **MainController** class create a method **getAverageGradesOfStudent()** with the following properties:
 - The API Path should be GET `"/student/{id}/averageGrade"`.
 - It takes the student ID (Integer) as input and returns an average score in double.
- Also, add a method **getAverageGradesOfStudent()** in your **MainService** class which does the following:
 - It takes an id of type integer as input.
 - It should return the average score from the grade repository.
- Lastly, write **Custom Native Query** in the **Grade Repository**.