Coding Problem – College Management System II

Problem Statement

← **C** Classroom

Spring Data JPA Queries
Coding Problem - College Management System II ⌄

Problem | Submissions | Solutions | Doubts

✅ College Management System II - Spring Data JPA Queries

Easy • Score **80/80** | Advanced java |

Problem statement

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In continuation of the previous problem, **the student management application** now wants the functionality to get all the courses enrolled by a student. So, if a student enrols in - **[English, Hindi, Maths]**, it should return this list of strings. The database schema is the same as the previous problem.

▼ Tasks:-

1. Write a **JPQL** query in the course repository as mentioned below:

   • It should return a list of courses(List) enrolled by a student.

   • The function takes one parameter, the student's ID (Integer), and returns the list of course name.

2. In your **MainController** class create a method **getCoursesNameByStudentID()** with the following properties:

   • The API Path should be GET /students/{id}/courses.

   • It takes an id (Integer) as input and returns the list of courses (List).

3. Also, add a method **getCoursesNameByStudentId()** in your **MainService** class which does the following:

   • It takes an id of type integer as input.

   • It should return a list of type string from the course repository.

4. Lastly, write the **JPQL Query** in the **Course Repository**.