WCT II – Assignment

ITE (M2)

Name: Ry Kimchhay

1. Retrieve all students who enrolled in a specific course.



Explaination:

- This query finds students who are enrolled in the course "CS101".
- It joins the students table with the enrollments table using student_id.
- It filters the results to only show students who are in the course with code "CS101".

2. Find all faculty members in a particular department.



Explaination:

- This query finds all faculty members in the Computer Science department.
- It selects the faculty members where department_id matches the department_id of "Computer Science" in the departments table.

3. List all courses a particular student is enrolled in.



Explaination:

- This query finds all courses that Ammara Ry is enrolled in.
- It joins the courses table with the enrollments table using course_id.
- It filters the results to show only courses where the student_id matches the one belonging to the student with the email "Ammara@gmail.com".

4. Retrieve students who have not enrolled in any course



Explaination:

- This query finds students who haven't enrolled in any course.
- The subquery (SELECT DISTINCT student_id FROM enrollments) gets all students who have enrolled in at least one course.
- The main query selects students whose student_id is not in that list.

5. Find the average grade of students in a specific course.



Explaination:

- This query calculates the average grade of students in CS101.
- The subquery finds the course_id of "CS101".
- The main query gets the average AVG() of all grades from students in that course.