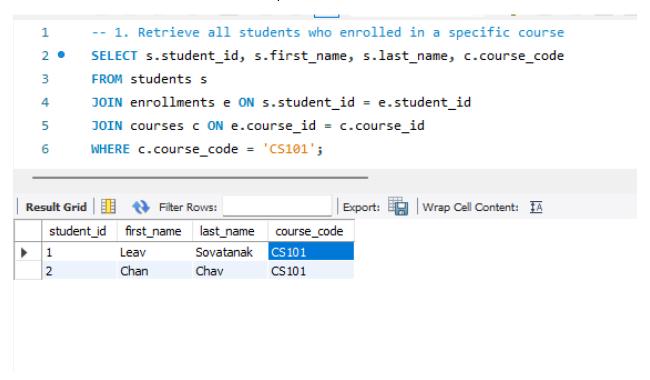
Task: Database Assignment

Name: Leav Sovatanak Class: ITE-M2-G9

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

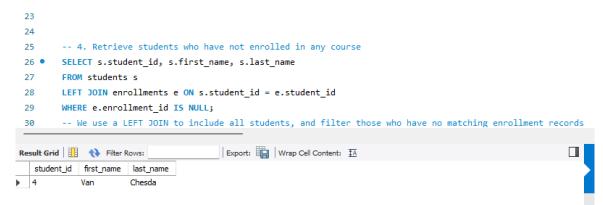


2. Find all faculty members in a particular department

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

```
20
         -- 3. List all courses a particular student is enrolled in (e.g., student id = 1)
 21
        SELECT c.course_code, c.course_name, s.first_name, s.last_name
 22 •
         FROM courses c
 23
 24
        JOIN enrollments e ON c.course_id = e.course_id
         JOIN students s ON e.student_id = s.student_id
 25
 26
        WHERE s.student_id = 1;
 27
         -- This query shows the courses a specific student is enrolled in using JOINs
Export: Wrap Cell Content: 1A
   course code | course name
                                first name last name
  CS101
              Computer fundametal
                               Leav
                                         Sovatanak
  BIO302
              Biology I
                               Leav
                                         Sovatanak
```

4. Retrieve students who have not enrolled in any course



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

```
32
         -- 5. Find the average grade of students in a specific course (e.g., 'CS101')
 33
         SELECT c.course_code, AVG(e.grade) AS average_grade
 34 •
         FROM courses c
 35
 36
         JOIN enrollments e ON c.course_id = e.course_id
         WHERE c.course_code = 'CS101'
 37
         GROUP BY c.course_code;
 38
Result Grid
                                           Export: Wrap Cell Content: $\frac{1}{4}
              Filter Rows:
   course_code
               average_grade
▶ CS101
               3.45000
```