**Mini Project On Student Database Management**

Table: Students

Columns: student\_id (Primary Key), student\_name, date\_of\_birth, email, major

Table: Courses

Columns: course\_id (Primary Key), course\_name, credit\_hours, instructor

Tasks:

Create the database schema with the given tables and insert some sample data into both tables.

Write SQL queries to retrieve the following information:

a. Retrieve the list of all students.

b. Retrieve the list of all courses.

c. Retrieve the list of students who are majoring in a specific major (e.g., Computer Science).

d. Retrieve the list of students who were born before a specific date.

e. Retrieve the list of courses taught by a specific instructor.

f. Retrieve the total number of students enrolled in each major.

g. Retrieve the course with the highest number of credit hours.

h. Retrieve the oldest and youngest students in the database.

Write SQL queries to update the database:

a. Add a new course to the Courses table.

b. Enroll a new student in the Students table.

c. Update the email address of a student based on their student\_id.

Write SQL queries with nested queries:

a. Retrieve the list of students who are enrolled in a specific course.

b. Retrieve the list of courses with enrollments greater than a certain number.