**Task 8**

### **Create a Database and Tables**

Create a database named School.

Create a table named Students with the following columns:

* + StudentID (Primary Key, INT, Auto Increment)
  + FirstName (VARCHAR(50))
  + LastName (VARCHAR(50))
  + DateOfBirth (DATE)
  + Gender (ENUM('Male', 'Female'))
  + EnrollmentDate (DATE)

1. Insert 20 records from date 20/12/2023 to 10/1/2024
2. Write a query to select all the students who are enrolled after January 1st, 2024.
3. Delete the record of a student with StudentID = 4.

4) Create another table named Courses with the following columns:

* CourseID (Primary Key, INT, Auto Increment)
* CourseName (VARCHAR(100))
* Credits (INT)

5) Create a table named Enrollments to track which students are enrolled in which courses:

* EnrollmentID (Primary Key, INT, Auto Increment)
* StudentID (Foreign Key, INT)
* CourseID (Foreign Key, INT)

6) connect all tables in a manner.

7) Write a query to group students by gender and count the number of students in each group

8) Write a query to find the students who are enrolled in the most courses