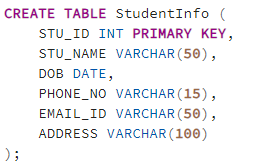
**Project Description:**

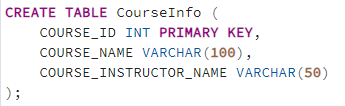
Design and develop an academic management system using SQL. The project should involve three tables: StudentInfo, CourseInfo, and EnrollmentInfo. The aim is to create a system that allows for managing student information and course enrollment. The project will include the following tasks.

**Database Creation:**

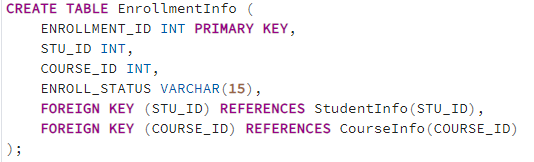
1. Create the StudentInfo table with columns STU\_ID, STU\_NAME, DOB, PHONE\_NO, EMAIL\_ID, ADDRESS.:



1. Create the CourseInfo table with columns COURSE\_ID, COURSE\_NAME, COURSE\_INSTRUCTOR\_NAME.:

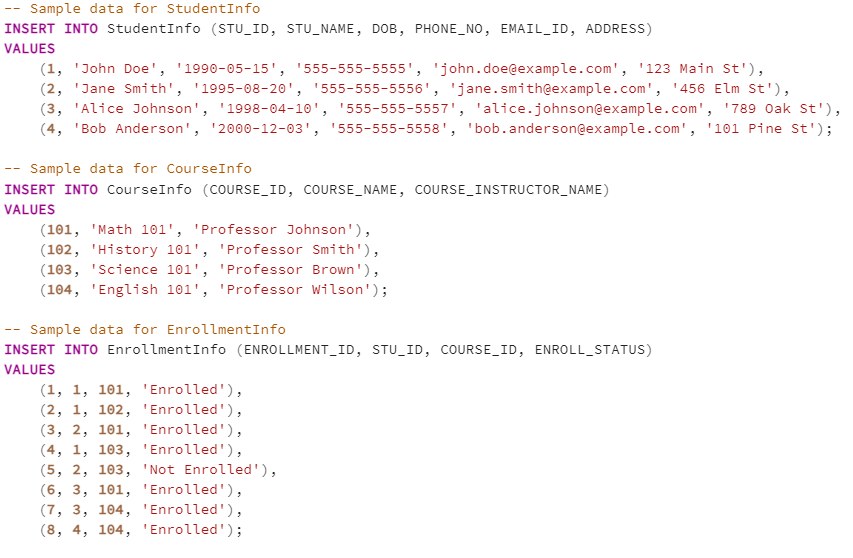


1. Create EnrollmentInfo with columns ENROLLMENT\_ID, STU\_ID, COURSE\_ID, ENROLL\_STATUS (Enrolled/Not Enrolled). The FOREIGN KEY constraint in the EnrollmentInfo table references the STU\_ID column in the StudentInfo table and the COURSE\_ID column in the CoursesInfo table.:

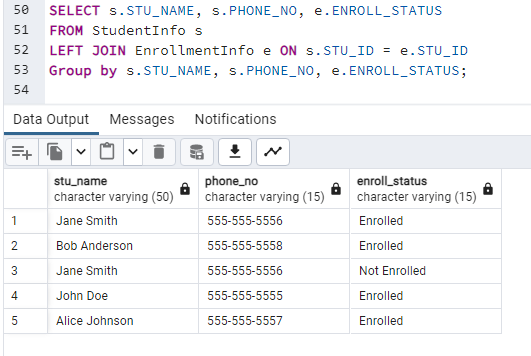


1. **Data Creation:**

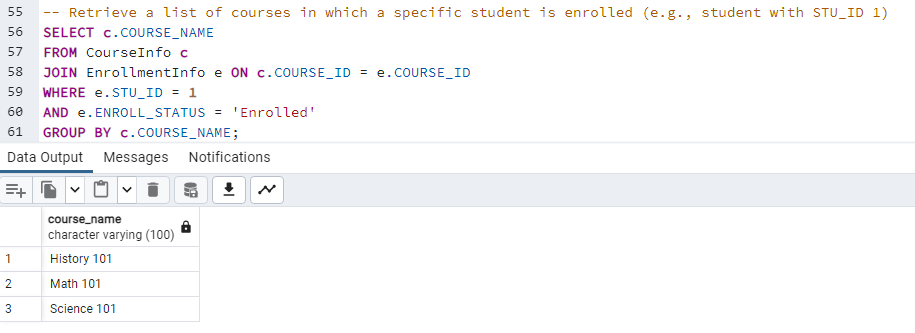
Insert some sample data for StudentInfo table, CourseInfo table, EnrollmentInfo with respective fields.



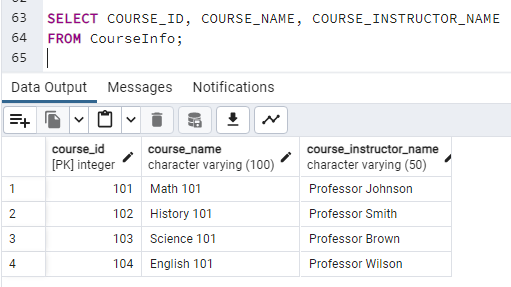
1. **Retrieve Student Information:**
2. Write a query to retrieve the student details, such as student name, contact information, and enrollment status.:



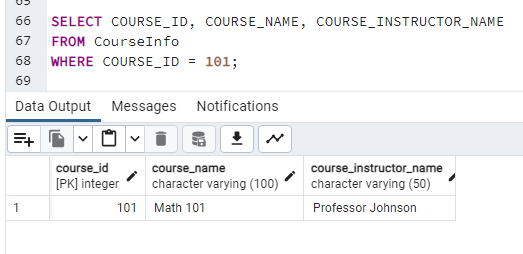
1. Write a query to retrieve a list of courses in which a specific student is enrolled.



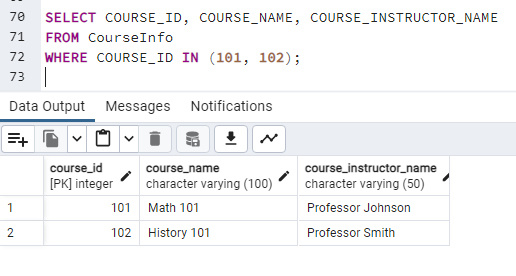
1. Write a query to retrieve course information, including course name, instructor information.



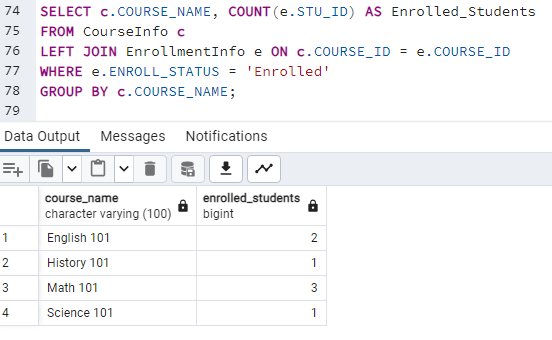
1. Write a query to retrieve course information for a specific course (e.g., course with COURSE\_ID 101).:



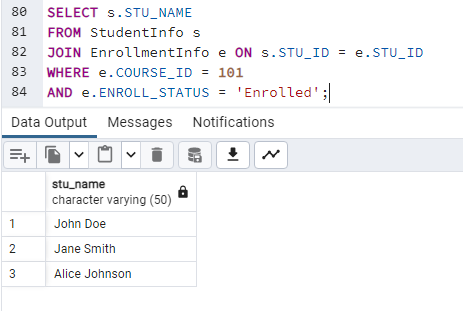
1. Write a query to retrieve course information for multiple courses (e.g., courses with COURSE\_ID 101 and 102)



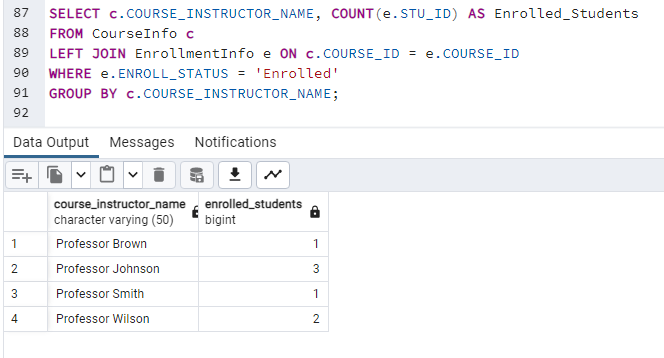
1. **Reporting and Analytics:**
2. Write a query to retrieve the number of students enrolled in each course:



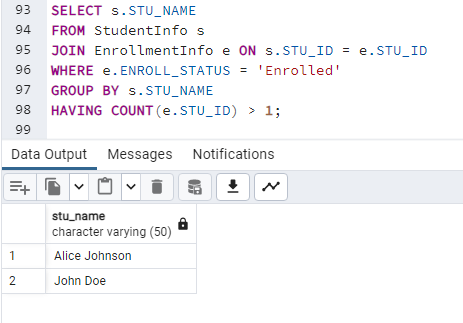
1. Write a query to retrieve the list of students enrolled in a specific course (e.g., course with COURSE\_ID 101):



1. Write a query to retrieve the count of enrolled students for each instructor:



1. Write a query to retrieve the list of students who are enrolled in multiple courses.:



1. Write a query to retrieve the courses that have the highest number of enrolled students. (Arranging from highest to lowest).

