③   Database: MySQL v5.7   Run   Save   Load Example   Collaborate

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Schema SQL ●

```
 1  CREATE TABLE Students (
 2      student_id INT PRIMARY
    KEY,
 3      first_name VARCHAR(50),
 4      last_name VARCHAR(50),
 5      date_of_birth DATE,
 6      gender CHAR(1),
 7      enrollment_date DATE
 8  );
 9  CREATE TABLE Courses (
10      course_id INT PRIMARY
    KEY,
11      course_name
    VARCHAR(100),
12      credits INT
13  );
14  CREATE TABLE Enrollments (
15      enrollment_id INT
    PRIMARY KEY,
16      student_id INT,
17      course_id INT,
18      enrollment_date DATE,
```

Text to DDL   ⤢

Query SQL ●

```
 8  JOIN Courses c ON
    e.course_id = c.course_id
 9  WHERE c.course_name =
    'Mathematics';
10  -- 4. List All Courses a
    Specific Student is
    Enrolled In (e.g.,
    student_id = 1)
11  SELECT c.course_id,
    c.course_name, c.credits
12  FROM Courses c
13  JOIN Enrollments e ON
    c.course_id = e.course_id
14  WHERE e.student_id = 1;
15  -- 5. Count the Number of
    Students Enrolled in Each
    Course
16  SELECT c.course_name,
    COUNT(e.student_id) AS
    student_count
17  FROM Courses c
18  JOIN Enrollments e ON
```

⤢

Results

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Query #1 [Execution time: 0.41ms]

student_id	first_name	last_name	date_of_birth	gender	er
1	John	Doe	2000-01-15	M	20
2	Jane	Smith	2001-02-20	F	20
3	Sam	Brown	2002-03-25	M	20

Query #2 [Execution time: 0.29ms]

course_id	course_name	credits
1	Mathematics	3

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