

CMPUT 291 - File and Database Management (Fall 2019)

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SQL exercises

Tables

students(sid, name, started)
courses(cid, name, sem, year)
enroll(sid, cid, sem, year, grade)

Queries

- Q1. Find students who have taken at least two courses in Fall 2015.
- Q2. Find students who have taken exactly two courses in Fall 2015.
- Q3. Find students who have taken a course with 'database' in the name of the course.
- Q4. Find the student(s) with the highest grade in 291.
- Q5. Find students who have been in the program for more than 5 years.
- Q6. For every course and semester, list the number of students enrolled.
- Q7. Find courses with more than 1 and less than 10 students enrolled.
- Q8. For each month, find the number of students who started their program in that month.
- Q9. Does your query in Q6 include courses with no students? If not, change your query to include those courses.
- Q10. Find top 3 students with the highest grades in 2016.
- Q11. For each grade in 291 in Winter 2017, find the number of students with that grade.
- Q12. For each gpa, find the number of students with that gpa.
- Q13. Find students whose average grade in 2015 is under 3 and that in 2016 is above 3.5.
- Q14. Find courses that are offered every year for the past 10 years.

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[◀ SQL Query Repository](#)

[Assignment 1 Spec ▶](#)

