CST 363 - Intro. to Databases

Lab: Simple joins

Make a serious effort to answer all questions from memory before referring to lecture slides or other resources.

1. Read the 'courses-ddl.sql' and 'courses-small.sql' files into SQLite. (Files available on iLearn.)

2. Write SQL to answer the following questions:

   a. For every course taken by a student, show the student's ID, name, and course taken. (Hint, use tables 'student' and 'takes'.)

   b. Show the names of all students who have taken course "CS-190", as well as the year in which they took the course.

   c. For every course taught by an instructor, show the instructor's name and the course that is taught.

   d. Do the same as in the previous question, but do not show duplicates.

   e. Do the same as in the previous question, but sort by instructor name.

   f. Give the names of the buildings in which the student with name "Williams" has taken a class.