

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 Canvas under Dataset module)
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'.)

```
select student.ID, name, course_id
  from student, takes
 where student.ID = takes.ID;
```

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

```
select name, course_id
  from instructor, teaches
 where instructor.ID = teaches.ID;
```