

Benjamin Katz

1

```
benjykatz=# SELECT COUNT(course.course_id) FROM course CROSS JOIN section;
count
-----
20000
(1 row)
```

2

```
benjykatz=# INSERT INTO course(course_id, title, credits, dept_name)
VALUES('001', 'Weekly Seminar', 1, 'Comp. Sci.');
```

```
INSERT 0 1
```

3

```
benjykatz=# INSERT INTO section(course_id, sec_id, semester, year)
VALUES('001', '1', 'Fall', 2010 );
```

```
INSERT 0 1
```

4

```
benjykatz=# INSERT INTO takes(ID, course_id, sec_id, semester, year)
benjykatz=# SELECT student.ID, '001', '1', 'Fall', 2010 FROM student WHERE student.dept_name = 'Comp. Sci.';
INSERT 0 108
```

5

```
benjykatz=# DELETE FROM takes WHERE takes.ID = '51723';
DELETE 12
```

6

```
benjykatz=# DELETE FROM takes WHERE takes.course_id IN (SELECT course.course_id FROM course WHERE course.title ~* 'and');
DELETE 1206
```

7

```
benjykatz=# SELECT COUNT(course.course_id) FROM course CROSS JOIN section;
count
-----
20301
(1 row)
```

8

```
benjykat=# SELECT COUNT(course_id) FROM takes;
count
-----
 28890
(1 row)
```