Joseph Goergen

Homework 3

1.

a)

insert into course values('CS-001', 'Weekly Seminar', 'Comp. Sci.', 0);

b)

insert into section values('CS-001', 1, 'Fall', 2009, NULL, NULL, NULL);

c)

Insert into takes

select ID, 'CS-001', 1, 'Fall', 2009, null

from student

where dept\_name='Comp. Sci.';

d)

delete from takes

where ID = (select ID from student where name='Chavez');

e)

It cannot delete CS-001 because it is the parent to any foreign keys that are in other tables such as takes

delete from course

where course\_id='CS-001';

f)

delete from takes

where course\_id= (select course\_id from course where title like '%database%');

2.

select name,student.ID , count(takes.course\_id)

from student left join takes on student.ID=takes.ID

group by student.ID;