

AUSTIN HALL

1.)

```
update instructor
set salary = salary * 1.1
where dept_name = "Comp. Sci.";
```

2.)

```
delete from course
where course_id not in (select course_id
from section);
```

3.)

```
insert into instructor
select ID, name, dept_name, 10000
from student
where tot_cred > 100;
```

4.)

```
delete from takes
where course_id in (select course_id
from course
where title like "%database%");
```

5.)

```
update student s
set tot_cred = (select coalesce (sum(credits), 0)
from takes t join course c using (course_id)
where s.ID = t.ID and grade != "F");
```

name	tot_cred
Zhang	4
Shankar	11
Brandt	3
Chavez	3
Peltier	4
Levy	7
Williams	8
Sanchez	3
Snow	0
Brown	7
Aoi	3
Bourikas	7
Tanaka	4

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6.)

```
CREATE TABLE STORE_REPS  
(Rep_ID INT(5),  
Last VARCHAR(15),  
First VARCHAR(10),  
Comm CHAR(1) default 'Y',  
primary key (Rep_ID));
```

7.)

```
alter table STORE_REPS  
modify First varchar(10) not null,  
modify Last varchar(15) not null;
```

8.)

```
create table BOOK_STORES (  
Store_ID int(8),  
Name varchar(30) unique not null,  
Contact varchar(20),  
Rep_ID int(5)  
primary key(Store_ID));
```

9.)

```
alter table BOOK_STORES  
add foreign key(Rep_ID)  
references STORE_REPS (Rep_ID) on delete cascade;
```

10.)

```
create table REP_CONTRACTS (  
Store_ID int(8),  
Name int(5),  
Quarter char(3),  
Rep_ID int(5),  
primary key (Rep_ID, Store_ID, Quarter),  
foreign key (Rep_ID) references STORE_REPS (Rep_ID),  
foreign key (Store_ID) references BOOK_STORES (Store_ID)  
);
```