第三章作业

3.9

a.

```
select e.ID, e.person_name, e.city
from employee as e, works as w
where w.company_name = 'First Bank Corporation' and e.ID = w.ID;
```

b.

```
select ID, person_name, city
from employee
where ID in (select ID
from works
where w.company_name = 'First Bank Corporation'
and w.salary > 10000);
```

C.

```
select ID
from employee
where ID not in (select ID
from works
where company_name = 'First Bank Corporation');
```

d.

e.

f.

g.

```
SQL
create table employee (
   ID int,
   person name varchar(100),
   street varchar(100),
   city varchar(100),
   primary key (ID)
create table company (
   company_name varchar(100),
   city varchar(100),
   primary key (company_name)
create table works (
   ID int,
   company name varchar(100),
   salary numeric(10, 2),
   primary key (ID),
   foreign key (ID) references employee on delete cascade,
   foreign key (company_name) references company on delete set null
create table manages (
   ID int,
   manager_id int,
   primary key (ID),
   foreign key (ID) references employee on delete cascade,
   foreign key (manager id) references employee on delete set null
```