

select count(distinct id)
from owns, accident
where owns.license = accident.license and
date between '1989/01/01' and '1989/12/31'

select count(*)
from person, accident, owns
where person.name = 'Cohen' and
    person.id = owns.id and
    owns.license = accident.license.

insert into person
values ('Adam', 025378886, '4 Allenby', 'Haifa')

delete car
where model = 'Mazda' and
    license in (select license
        from owns, person
        where person.name = 'Cohen' and
            person.id = owns.id).

insert into accident
    select license, '1997/08/01', 'Levi', 5000
    from car
    where model = 'Toyota' and
        license in (select license
            from owns, person
            where person.name = 'Levi' and
                person.id = owns.id).

select person-name
from works
where company-name = 'Elta'.

select W.person-name, L.street, L.city
from works W, lives L
    where W.company-name = 'Elta' and
W.person-name = L.person-name.

1. שמות חברות המעניבות בובות - Elta*
   select W.person-name, L.street, L.city
   from works W, lives L
   where W.company-name = 'Elta' and
       W.salary > 10000 and
       W.person-name = L.person-name.

2. שמות המשבירים ייחודיים בבעיר שבם נשאלה החברה שבת ה-
   select W.person-name
   from works W, lives L, located-in I
   where W.company-name = I.company-name and
       W.person-name = L.person-name and
       L.city = I.city.

3. שמות המעניבים הנעים בכל העיר שבת מועברת המזון
   select M.person-name
   from lives L_1, lives L_2, manages M
   where L_1.person-name = M.person-name and
       L_2.person-name = M.manager-name and
       L_1.city = L_2.city.

4. שמות כל החברה מעניבת בובות
   select person-name
   from works
   where company-name ≠ 'Elta'.

5. במשתתפים רדייקלים שלא שלבב[::-] את חתנית
   select W_1.person-name
   from works W_1,
   where W_1.person-name not in ( select W_2.person-name
       from works W_2
       where W_2.company-name = 'Elta').

6. Bezek
   select W_1.person-name
   from works W_1,
   where W_1.salary > all ( select W_2.salary
       from works W_2
       where W_2.company-name = 'Bezek').

7. 'Elta'
   select L_1.company-name
   from located-in L_1,
   where ( select L_2.city
       from located-in L_2
       where L_1.company-name = L_2.company-name)
   contains ( select L_3.city
       from located-in L_3
       where L_1.company-name = 'Elta').
update lives
set city = 'Haifa'
where name = 'Lahav';

update works
set salary = salary * 1.1
where company-name = 'Elta';

update works
set salary = salary * 1.1
where person-name in (select manager-name
from manages);

delete works
where company-name = 'Elta';

create view pers_acc as
(select P.id, P.name, count(*)
from accident A, person P, owns O
where P.id = O.id and
O.license = A.license
group by P.id, P.name);

create view pers_acc as
(select P.id, P.name, count(*), avg(damage)
from accident A, person P, owns O
where P.id = O.id and O.license = A.license and P.id in
(select id
from owns
group by id
having count(license) >= 2 )

group by P.id, P.name)
המשאל פתרנו דף הורן 3 בقسיס נתונים - שאלה 5

.א
select company-name, avg(salary)
from works
group by company-name

.ב
select avg(salary)
from works

.ג
select company-name
from works
group by company-name
having count(person-name) ≥ all (select count(person-name)
from works
      group by company-name )

.ד
select company-name
from works
group by company-name
having min(salary) ≤ all (select min(salary)
from works
     group by company-name )

.ה
select company-name
from works
group by company-name
having avg(salary) > select avg(salary)
from works
     where company-name='Elit'

.י
select company-name
from works ,manages, lives
where lives.city='Haifa' and lives.person-name=manages.manager-name
and lives.person-name=works.person-name
group by works.company-name
having count(*) ≤ all (select count(*)
from works W,manages M, lives L
where L.city='Haifa' and L.person-name=M.manager-name
     and L.person-name=W.person-name
group by W.company-name )

הכליות بمנה ה-smarty לא מכropolis וفى ליאור ו-םותחיות.