

به نام خدا

امیرفاضل کوزه گر کالجی

آزپایگاه داده

تمرین تحویلی سوم

1)

```
select Student.Sname, Student.Sfamily, College.city,  
Student.city
```

```
from College natural join Student natural join Sec
```

```
where College.city != Student.city
```

2)

```
select Pname, pfamily
```

```
from Prof natural join Course natural join Sec
```

```
where term = 1 and year = "1401"
```

3)

```
select Sname, Sfamily, Cname
```

from Student natural join College natural join Course natural
join Sec

where Course.#clg != College.#clg

4)

select Cname, Cunit, year, term, Score

from Student natural join Course natural join Sec

where Sname = "negar afshar" and term <2 and year<= "1401"

5)

select Sname, Sfamily, Pname, clg_name, Cname, Score

from Student natural join College natural join Course natural
join Sec natural join Prof

where Prof.p# = College.p# and score<10

6)

select Cname

from Student natural join College natural join Course natural
join Sec

where clg_name = "computer" and term = 1 and year = "1401"
and score = ALL

(

select Score

from Student natural join Sec

where Score > 10

)

7)

select Sname, Sfamily

from Student natural join College natural join Sec

where clg_name = "computer" and term = 8 and s_avg > 16
and score = ALL

(

select Score

from Student natural join Sec

where Score >= 14

)

8)

select clg_name

from Student natural join College natural join Course natural
join Sec

having count

(

select Sname

from Students

where $s_avg < 12$

) > 20