

NR: 95

EX:1.

```
select nume, prenume, nr_camera, denumire Denumire_hotel
from turist_cazare tc join turist t on (tc.id_turist=t.id)
      join cazare c on (tc.id_cazare=c.id)
      join tarif_camera tc on (c.id_camera=tc.id_camera)
      join camera cm on (cm.id=c.id)
      join hotel h on (cm.id_hotel=h.id)
```

```
where data_end is null;
```

EX:2.

```
select denumire, localitate,
nvl((select count(data_cazare)
from cazare c join camera cm on (cm.id=c.id_camera)
      join tarif_camera tc on (tc.id_camera=c.id_camera)
where to_char(data_start,'yyyy')='2017' and to_char(data_end,'yyyy')='2017' and
cm.id_hotel=ho.id
group by cm.id_hotel
),0)an_2017,
nvl((select count(data_cazare)
from cazare c join camera cm on (cm.id=c.id_camera)
      join tarif_camera tc on (tc.id_camera=c.id_camera)
where to_char(data_start,'yyyy')='2018' and to_char(data_end,'yyyy')='2018' and
cm.id_hotel=ho.id
group by cm.id_hotel
),0)an_2018,
```

```

nvl((select count(data_cazare)
from cazare c join camera cm on (cm.id=c.id_camera)
        join tarif_camera tc on (tc.id_camera=c.id_camera)
where to_char(data_start,'yyyy')='2019' and to_char(data_end,'yyyy')='2019' and
cm.id_hotel=ho.id
group by cm.id_hotel
),0)an_2019
from hotel ho ;

```

EX:3.

--alfu tarif minim la data curenta

```
select id_camera, min(tarif)
```

```
from tarif_camera
```

```
group by id_camera;
```

--aflu id de cazare pt camere cu tarif minimi

```
select caz.id
```

```
from cazare caz join tarif_camera tc on (caz.id_camera=tc.id_camera)
```

```
where (tc.id_camera, tarif )in (select id_camera, min(tarif)
```

```
        from tarif_camera
```

```
        group by id_camera
```

```
);
```

--extrag nume turisti

```
select nume
```

```
from turist t join turist_cazare tur on (t.id=tur.id_turist)
```

```
where id_cazare in (select caz.id
```

```
        from cazare caz join tarif_camera tc on (caz.id_camera=tc.id_camera)
```

```
        where (tc.id_camera, tarif )in (select id_camera, min(tarif)
                                         from tarif_camera
                                         group by id_camera
                                         ) and data_end is null
    )
group by nume
having count(*)>=2;
```

EX:5.

```
create table C_TARIF_CAMERA
```

```
as
```

```
select * from tarif_camera;
```

```
alter table C_TARIF_CAMERA
```

```
add constraint fk_copie_tarif
```

```
foreign key (id_camera) references camera(id);
```

```
alter table C_TARIF_CAMERA
```

```
add constraint pk_copie_tarif
```

```
primary key(id_camera, data_start);
```

EX:4.

```
--numar pentru fiecare cazare cati turisti are
```

```
select id_cazare, count(id_turist)
```

```
from turist_cazare
```

```
group by id_cazare;
```

--selectez cazarile pt care nr de turisti depaseste capacitatea

select id_cazare

from (select id_cazare, count(id_turist)nr_turisti

from turist_cazare

group by id_cazare) tabel join cazare ca on (ca.id=tabel.id_cazare)

join camera cm on (ca.id_camera=cm.id)

where nr_turisti>capacitate;

--selectez localitatile pentru hotelurile care depasesc

select localitate

from hotel

where id in (select h.id--, id_cazare, nr_turisti, capacitate

from (select id_cazare, count(id_turist)nr_turisti

from turist_cazare

group by id_cazare) tabel join cazare ca on (ca.id=tabel.id_cazare)

join camera cm on (ca.id_camera=cm.id)

join hotel h on (cm.id_hotel=h.id)

where nr_turisti>capacitate

);

--stergere

delete from turist_cazare

where id_turist in (select id

from turist turisti

where localitate_domiciliu in (select localitate

from hotel

where id in (select h.id--, id_cazare, nr_turisti, capacitate

from (select id_cazare, count(id_turist)nr_turisti

```
(ca.id=tabel.id_cazare)

(tabel.id_cazare=tc.id_cazare)

from turist_cazare

group by id_cazare) tabel join cazare ca on

join turist_cazare tc on

join camera cm on (ca.id_camera=cm.id)

join hotel h on (cm.id_hotel=h.id)

where nr_turisti>capacitate and id_turist=turisti.id

));
```