

1. Beers other than Hefeweizen which are served by Gecko Grill bar

**Query:**

```
select * from sells
where bar = 'Gecko Grill'
and beer != 'Hefeweizen';
```

**Results:**

Budweiser

2. Drinkers who like some beers which John also likes

**Query:**

```
select distinct drinker
from likes L
where drinker != 'John'
and beer in (
    select beer from likes where drinker = 'John'
)
order by drinker
;
```

**Results:**

Mike  
Vince

3. Pairs of drinkers and bars such that a drinker frequents the bar and the bar serves at least one beer which the drinker likes

**Query:**

```
select distinct F.drinker, F.bar
from frequents F, likes L, sells S
where F.drinker = L.drinker
and F.bar = S.bar
and L.beer = S.beer
order by F.drinker, F.bar
;
```

**Results:**

'Jesse','Blue Angel'  
'John','Cabana'  
'John','Caravan'  
'Mike','A.P. Stump's'

'Mike','Blue Angel'  
'Mike','Cabana'  
'Mike','The Shark and Rose'

4. Bars which are frequented by John or Rebecca but not by both of them

**Query:**

```
(select * from frequents
where drinker = 'John'
and bar not in (
  select bar from frequents where drinker = 'Rebecca'
)
)
union
(select * from frequents
where drinker = 'Rebecca'
and bar not in (
  select bar from frequents where drinker = 'John'
)
)
;
```

**Result:**

'John','Cabana'  
'John','Caravan'  
'Rebecca','Coconut Willie's Cocktail Lounge'  
'Rebecca','Gecko Grill'

5. Drinkers who frequent bars which sell some beer that they like

**Query:**

```
select distinct F.drinker
from frequents F, likes L, sells S
where F.drinker = L.drinker
and F.bar = S.bar
and L.beer = S.beer
order by F.drinker
;
```

**Result:**

'Jesse'  
'John'  
'Mike'

6. Bars which serve some beers which John or Rebecca like and which are cheaper than \$5

**Query:**

```
select distinct S.bar
from likes L, sells S
where L.beer = S.beer
and (L.drinker = 'John'
      or L.drinker = 'Rebecca'
)
and S.price < 5
order by S.bar
;
```

**Result:**

```
'Club 175'
'Coconut Willie's Cocktail Lounge'
'Gecko Grill'
'Giza Hookah Lounge'
'Seven Bamboo'
'The Backbeat'
'The Shark and Rose'
```

7. Drinkers who like both Hefeweizen and Killian's

**Query:**

```
select distinct drinker
from likes L
where beer = 'Hefeweizen'
and drinker in (
      select drinker from likes where beer = 'Killian's'
)
order by drinker
;
```

**Result:**

```
null
```

8. Bars with names containing "The"

**Query:**

```
select name from bars
  where name like '%The%'
;
```

**Result:**

'The B-Hive'

'The Backbeat'

'The Blank Club'

'The Shark and Rose'