

Write SQL queries, using the schema described in the slides:

- Beers(name, manf)
- Bars(name, addr, license)
- Drinkers(name, addr, phone)
- Likes(drinker, beer)
- Sells(bar, beer, price)

1. Write a query to find the price that Joe's Bar charges for Budweiser (2pts).
2. Write a query to find the names of drinkers who like Budweiser (2 pts).
3. Find all pairs of beers manufactured by the same company (3 pts).
4. Write a query to find the names of drinkers whose phone numbers start with '555' (3 pts).
5. Write a query to find the names of bars that sell at least one beer that "Sally" likes (4 pts).
6. Write a query to find the names of drinkers who like "Budweiser" but not "Miller" (4 pts).

1. select Price  
from Sells  
where bar = 'Joe's Bar' AND beer = 'bud'

2. select drinker  
from Likes  
where beer = 'bud'

3. select b1.name, b2.name  
from Beers b1, Beers b2  
where b1.manf == b2.manf

4. select name  
from Drinkers  
where phone like '%555-\_\_\_\_'

5. select bar  
from sells  
where beer IN (select beer  
from Likes  
where  
name = 'sally')

6. select drinker  
from Likes  
where beer = 'bud'

AND drinker NOT IN (select drinker  
from Likes  
where beer = 'miller')