

INF 551 – Fall 2016 (Afternoon)

Quiz 8: SQL, Constraints, and Views (10 points)

Solution

1.

select name from beers, sells

where manf = "Pete's" and beers.name = sells.beer

group by name

having count(bar) >= 10;

2.

Foreign Key	Reference
Likes(drinker)	Drinker(name)
Likes(beer)	Beers(name)
Sells(bar)	Bars(name)
Sells(beer)	Beers(name)
Frequents(drinker)	Drinker(name)
Frequents(bar)	Bars(name)

Missing 1 or 2, -0.5

Missing 3 or 4, -1

Missing 5 or 6, -1.5

3.

create view highJoe as

select manf, max(price) as highestPrice from beers, sells

where bar = "Joe's bar" and name = beer

group by manf;

For Q1 and Q3, other solutions with same output acceptable

Error in both grouping and where condition -2

Error in either -1

Other small error -0.5