

2.1

select count(\*) > 0 from

(select A.billId, A.day, A.time, B.start, B.end from bills as A left join operates as B on A.day = B.day and A.bar = B.bar) as temp where time < start or time > end;

2.2

select count(\*) from

(select count(distinct(B.state)) as num from frequents as A left join bar as B on A.bar = B.id group by A.drinker) as temp where num > 1 ;

2.3

select count(\*) > 0 from

(select temp1.price1,temp1.price2, temp2.price1 as price3, temp2.price2 as price4 from  
(select A.bar,A.beer as beer1,A.price as price1,B.beer as beer2,B.price as price2 from sellsbeer  
as A join sellsbeer as B on A.bar = B.bar and A.beer < B.beer) as temp1

left join

(select A.bar,A.beer as beer1,A.price as price1,B.beer as beer2,B.price as price2 from sellsbeer  
as A join sellsbeer as B on A.bar = B.bar and A.beer < B.beer) as temp2

on temp1.beer1 = temp2.beer1 and temp1.beer2 = temp2.beer2 and temp1.bar !=  
temp2.bar

having (temp1.price1 - temp1.price2) \* (temp2.price1 - temp2.price2) < 0) as temp3