Solution:

1) Select \* from products where case\_cost > 200; (866 rows returned)

2) Select \* from products where category\_name = 'TEQUILA' and case\_cost > 100; (422 rows returned)

3) Select \* from products where category\_name = 'SCOTCH WHISKIES' or 'TEQUILA' AND case\_cost > 100; (450 rows returned)

4) Select \* from products where category\_name = 'SCOTCH WHISKIES' or 'TEQUILA' and Case\_cost between 100 and 120; (450 rows returned)

5) Select \* from products where category\_name like '%WHISKIES%' and Case\_cost > 100; (819 rows returned)

6) Select \* from products where category\_name like '%WHISKIES%' and Case\_cost between 100 and 150; (400 rows returned)

7) select Category\_name, case\_cost from products where Category\_name not in ('Tequila') and case\_cost between 100 and 120; (983 rows returned)

8) Select \* from products where not vendor\_name = 'Jim Beam Brands'; (1000 rows returned)

9) Select \* from products where proof >= 90; (983 rows returned)

10) select \* from products where case\_cost < 60; (1000 rows returned)

11) Select \* from products where category\_name = 'Single Malt Scotches' or category\_name = 'Canadian Whiskies'; (261 rows returned)

12) Select \* from products where category\_name like '%WHISKIES%'; (1000 rows returned)

13) select \* from products where shelf\_price between 4 and 10; (1000 rows returned)

14) select \* from products where Bottle\_price between 4 and 10;

15) select count(distinct pack) from products; (1 row returned)

16) select distinct (pack) from products group by pack;; (33 rows returned)

17) select distinct case\_cost from products where case\_cost < 70; (1000 rows returned)

18) Select distinct Pack, Case\_cost from products where pack > 12 and case\_cost < 70; (371 rows returned)

23) select county, store\_status from stores, counties where store\_status = 'A' and county = 'Polk'; (1000 rows returned)

24) select County, total as Total\_sales from sales group by county order by Total desc; (90 rows returned)