Solutions - Case 2

SELECT \* FROM case\_2\_sql.items\_ordered;  
  
ALTER TABLE items\_ordered  
ADD Column New\_Order\_Date date;  
  
Update items\_Ordered  
SET New\_Order\_Date = str\_to\_date(Order\_date,"%d-%m-%Y");  
  
/\*2-3\*/  
SELECT Count(\*) as TotalRows  
fRom items\_ordered;  
  
/\*3-2\*/  
SELECT item, max(price) as MxPrice, Min(price) as MnPrice  
FROM case\_2\_sql.items\_ordered  
Group by Item;  
  
/\*3-3\*/  
SELECT customerid, count(\*) as NoOfOrders, Sum(price\*quantity) as SumOfOrders  
FROM items\_ordered  
Group by customerid;  
  
/\*4-1\*/  
SELECT state, count(\*) as NoOfPeople  
FROM customers  
group by state  
HAVING Count(\*) > 1;  
  
/\*Practice Exercise 4 - Q2\*/  
SELECT item, Max(Price) as Mx, Min(Price) as Min  
FROM items\_ordered  
Group By item  
HAVING Max(Price) > 190;  
  
/\*Practice Exercise 4 - Q3\*/  
SELECT customerid, count(\*) as NoOfOrders, Sum(quantity) as TotalQty  
FROM items\_ordered  
Group By customerid  
HAVING sum(quantity) > 1;  
  
/\*Practice Exercise 5 - Q3\*/  
SELECT Item, Price  
FROM items\_ordered  
WHERE price > 10  
Order by Price ASC;  
  
/\*6-1\*/  
select customerid,order\_date,item  
from case\_2\_sql.items\_ordered  
where item not like "Snow Shoes" and item not like "Ear Muffs";  
  
select customerid,order\_date,item  
from case\_2\_sql.items\_ordered  
where item NOT IN ("Snow Shoes", "Ear Muffs");  
  
/\*6-2\*/  
SELECT item, price  
FROM items\_ordered  
WHERE item Like "s%" or item Like "p%" or item Like "f%";  
  
/\*Ms-Access SQL version\*/  
SELECT item, price  
FROM items\_ordered  
WHERE item Like "[s,p,f]\*";  
  
SELECT item, price  
FROM items\_ordered  
WHERE item regexp "^[spf]";  
  
SELECT item, price  
FROM items\_ordered  
WHERE item regexp "^(S|P|F)";  
  
/\*7-2\*/  
SELECT firstname, City, state  
FROM customers  
WHERE State in ("Arizona", "Washington", "Oklahoma",  
"Colorado", "Hawai");  
  
/\*8-1\*/  
SELECT item, Sum(Price)/Sum(Quantity) as PricePerUnit  
FROM items\_ordered  
Group By Item;