/\*ch23 cs2 q1 victoria ivanova\*/

select productid,orderid,unitprice, quantity

from tble\_ProductsOrdersN

where quantity is null

/\*Victoria Ivanova ch 23 cs2 q2\*/

select count(productid) as NumberOfNulls

from tble\_ProductsOrdersN

where unitprice is null

/\*Victoria ivanova ch23 cs2 q3\*/

select productid, count(orderid) as numberoforders, avg(quantity) as AvgOrder,

sum(quantity) as totalamount

from tble\_ProductsOrdersN

where productid is not null

or orderid is not null

group by productid

/\*Victoria Ivanova ch23 cs2 q4\*/

select \*

from tble\_productsordersN

where quantity is null

or unitprice is null

/\*victoria ivanova ch23 cs2 q5\*/

select productid, count(orderid) as numberoforders, avg(quantity) as AvgOrder,

sum(quantity) as totalamount

from tble\_ProductsOrdersN

where quantity is not null

or unitprice is not null

group by productid

/\*Victoria ivanova ch24 cs2 q1\*/

select productname, quantityperunit, cast(cast(productunitprice as float)as int) as productunitprice,

unitsinstock, unitsonorder

from tble\_Products\_Conversion

/\*victoria ivanova ch24 cs2 q2\*/

select productname, quantityperunit, convert(int,convert(float,productunitprice)) as productunitprice,

unitsinstock, unitsonorder

from tble\_Products\_Conversion

/\*victoria ivanova ch24 cs2 q3\*/

select productname, productunitprice,

unitsinstock, unitsonorder, cast(cataloglastupdated as date) as CatalogLastUpdated

from tble\_Products\_Conversion

/\*Victoria Ivanova ch23 cs2 q4\*/

select productname, productunitprice,

unitsinstock, unitsonorder, year(cast(cataloglastupdated as date)) as CatalogLastUpdated

from tble\_Products\_Conversion

/\*Victoria Ivanova ch24 cs2 q5\*/

select productname, (cast(cast(unitsonorder as float) as int)+

cast(cast(unitsinstock as float) as int)) as TotalInventoryUnits

from tble\_Products\_Conversion

/\*Victoria ivanova ch25 cs2 q1\*/

select left(productname,charindex('-',productname)) as NewProductName, productunitprice

from tble\_Products\_Strings

/\*Victoria Ivanova ch25 cs2 q2\*/

select replace(productname, 'oz.','grams.') as NewProductName, productunitprice

from tble\_Products\_Strings

/\*victoria ivanova ch25 cs2 q3\*/

select left(supplierid,charindex('-',supplierid)-1) as SupplierID, productname

from tble\_Products\_strings

/\*Victoria ivanova ch25 cs2 q4\*/

select left(supplierid,charindex('-',supplierid)-1) as SupplierRegion,

sum((unitsinstock)\*productunitprice) as TotalValueInStock

from tble\_Products\_strings

group by left(supplierid,charindex('-',supplierid)-1)

/\*victoria ivanova ch25 cs2 q5\*/

select right(supplierid,3) as ProductFamily,

sum(unitsinstock\*productunitprice) as TotalValueInStock

from tble\_Products\_strings

group by right(supplierid,3)

/\* victoria ivanova ch26 cs2 q1\*/

/\* SUM(IF(DATEPART(dw, orderdate) = '14', quantity, 0)) AS 14 \*/

select customerstate, sum(iif(datepart(ww, orderdate) = 14, quantity\*unitprice, null)) as '14',

sum(iif(datepart(ww, orderdate) = 15, quantity\*unitprice, null)) as '15',

sum(iif(datepart(ww, orderdate) = 16, quantity\*unitprice, null)) as '16',

sum(iif(datepart(ww, orderdate) = 17, quantity\*unitprice, null)) as '17',

sum(iif(datepart(ww, orderdate) = 18, quantity\*unitprice, null)) as '18'

from tble\_dates

where year(orderdate)=2014 and datepart(m,[orderdate])=4

group by customerstate

order by customerstate