Ans0.

select \* from factinternetsales

union

select \* from factinternetsalesnew;

Ans1.

select s.ï»¿SalesTerritoryKey,p.EnglishProductName

from product p inner join salesterritory s

on p.ï»¿ProductKey = s.ï»¿SalesTerritoryKey;

Ans2.

select c.FullName,f.UnitPrice

from dimcustomers c inner join factinternetsales f

on c.CustomerKey = f.CustomerKey;

Ans3.

select OrderDateKey, Month(OrderDateKey) as Month,Day(OrderDateKey) as Day, year(OrderDateKey) as Year, week(OrderDateKey) as Week from datamerge;

SELECT

Orderdatekey,

CAST(CAST(Orderdatekey AS CHAR(8)) AS DATE) AS OrderDate,

YEAR(CAST(CAST(Orderdatekey AS CHAR(8)) AS DATE)) AS Year,

MONTH(CAST(CAST(Orderdatekey AS CHAR(8)) AS DATE)) AS Month,

WEEk( CAST(CAST(Orderdatekey AS CHAR(8)) AS DATE)) AS Week,

CASE

WHEN MONTH(CAST(CAST(Orderdatekey AS CHAR(8)) AS DATE)) IN (7, 8, 9) THEN MONTH(CAST(CAST(Orderdatekey AS CHAR(8)) AS DATE)) - 6

WHEN MONTH(CAST(CAST(Orderdatekey AS CHAR(8)) AS DATE)) IN (10, 11, 12) THEN MONTH(CAST(CAST(Orderdatekey AS CHAR(8)) AS DATE)) - 9

WHEN MONTH(CAST(CAST(Orderdatekey AS CHAR(8)) AS DATE)) IN (1, 2, 3) THEN MONTH(CAST(CAST(Orderdatekey AS CHAR(8)) AS DATE)) + 3

ELSE MONTH(CAST(CAST(Orderdatekey AS CHAR(8)) AS DATE)) + 3

END AS FinancialMonth,

CASE

WHEN MONTH(CAST(CAST(Orderdatekey AS CHAR(8)) AS DATE)) IN (7, 8, 9) THEN 'Q1'

WHEN MONTH(CAST(CAST(Orderdatekey AS CHAR(8)) AS DATE)) IN (10, 11, 12) THEN 'Q2'

WHEN MONTH(CAST(CAST(Orderdatekey AS CHAR(8)) AS DATE)) IN (1, 2, 3) THEN 'Q3'

ELSE 'Q4'

END AS FinancialQuarter

FROM datamerge ;

Ans4

SELECT

unitprice,

orderquantity,

DiscountAmount,

(unitprice \* orderquantity ) - DiscountAmount AS sales\_amount

FROM merge;

Ans5

select fn.unitprice,f.orderquantity,(fn.unitprice\*f.orderquantity) as Productioncost

from factinternetsalesnew fn inner join factinternetsales f

on fn.ProductKey=f.ProductKey;

Ans6

select TotalProductCost,SalesAmount,(SalesAmount-TotalProductCost) as Profit

from merge;

Ans7

select ProductKey ,monthname(OrderDateKey),sum(SalesAmount)as total\_sales

from factinternetsalesnew

group by ProductKey,OrderDateKey

union

select ProductKey,monthname(OrderDateKey),sum(SalesAmount)as total\_sales

from factinternetsales

group by ProductKey,OrderDateKey

order by (ProductKey);

Ans8.

select ProductKey ,year(OrderDateKey),sum(SalesAmount)as total\_sales

from factinternetsalesnew

group by ProductKey,OrderDateKey

union

select ProductKey ,year(OrderDateKey),sum(SalesAmount)as total\_sales

from factinternetsales

group by ProductKey,OrderDateKey

order by (ProductKey);

select ProductKey ,year(OrderDateKey),sum(SalesAmount)as total\_sales

from merge

group by ProductKey,OrderDateKey;

Ans9

select ProductKey ,month(OrderDateKey),sum(SalesAmount)as total\_sales

from factinternetsalesnew

group by ProductKey,OrderDateKey

union

select ProductKey ,month(OrderDateKey),sum(SalesAmount)as total\_sales

from factinternetsales

group by ProductKey,OrderDateKey

order by(ProductKey);

Ans10

select ProductKey ,quarter(OrderDateKey),sum(SalesAmount)as total\_sales,year(OrderDateKey)

from factinternetsalesnew

group by ProductKey,OrderDateKey

union

select ProductKey ,quarter(OrderDateKey),sum(SalesAmount)as total\_sales,year(OrderDateKey)

from factinternetsales

group by ProductKey,OrderDateKey

Ans11

select ProductKey,TotalProductCost,SalesAmount

from factinternetsales

union

select ProductKey,TotalProductCost,SalesAmount

from factinternetsalesnew;

Ans12

select sum(m.TotalProductCost), st.SalesTerritoryRegion

from merge m inner join salesterritory st

on m.SalesTerritoryKey= st.ï»¿SalesTerritoryKey

group by st.SalesTerritoryRegion;