Asg 11 – Hailey Strobelt

Views

1.

create view InvoiceBasics

as

select vendorname, invoicenumber,

invoicetotal

from vendors as v

join invoices as i on v.vendorid=i.vendorid

select \*

from InvoiceBasics

where vendorname like '[n-p]%'

2.

create view Top10VendorInvoices

as

select top 10 vendorname,

max(invoicedate) as LastInvoice,

sum(invoicetotal) as SumOfInvoices

from vendors as v

join invoices as i

on v.vendorid=i.vendorid

group by vendorname

order by sumofinvoices desc

select \*

from Top10VendorInvoices

3.

Write a CREATE VIEW statement that defines a view named InvoicesCombined that returns three columns: InvoiceLineItemDescription, InvoiceNumber, and InvoiceTotal. Then, write a SELECT statement that returns all of the columns in the view, where the first letter of the invoice total is less than 100.

create view InvoicesCombined

as

select invoicelineitemdescription, invoicenumber,

invoicetotal

from invoices as i

join invoicelineitems as ili

on i.invoiceid=ili.invoiceid

select \*

from InvoicesCombined

where invoicetotal < 100

4.

select \*

from sys.foreign\_keys

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Stored Procedures and Triggers

1.

create proc spUnpaidInvoicesReport

as

select vendorname,

invoicenumber, invoicetotal

from vendors as v

join invoices as i

on v.vendorid=i.vendorid

where invoicetotal-paymenttotal-credittotal>0

order by vendorname

exec spUnpaidInvoicesReport

2.

create proc spGetVendorInfo

@VendorName varchar(50)

as

select \*

from vendors

where vendorname=@VendorName

exec spGetVendorInfo 'US Postal Service'

3.

create proc spVendorInvoiceTotal2

@VendorName varchar(50)

as

select sum(invoicetotal)

from vendors as v

join invoices as i

on v.vendorid=i.vendorid

where vendorname=@VendorName

exec spVendorInvoiceTotal2 'Federal Express Corporation'

4.

alter table vendorcopy

add YTDTotal money default 0 not null

create trigger AddInvToVendorYTDTotal

on invoices after insert

as

update vendorcopy

set YTDTotal = YTDTotal+(select invoicetotal from inserted)

where vendorid = (select vendorid from inserted)

insert into invoices

values (1,'eufje123',getdate(),100000,0,0,2,getdate()+30,null)

select \*

from vendorcopy