Asg 9 – Hailey Strobelt

1.

select vendorid, sum(paymenttotal) as PaymentSum

from invoices

group by vendorid

2.

select top 10 vendorname, sum(paymenttotal) as PaymentSum

from invoices as i join vendors as v

on i.vendorid=v.vendorid

group by vendorname

order by paymentsum desc

3.

select vendorname,

count(invoiceid) as InvoiceCount,

sum(invoicetotal) as InvoiceSum

from invoices as i join vendors as v

on i.vendorid=v.vendorid

group by vendorname

order by invoicecount desc

4.

select AccountDescription,

count(invoiceid) as LineItemCount,

sum(invoicelineitemamount) as LineItemSum

from glaccounts as gla join invoicelineitems as ili

on gla.accountno=ili.accountno

group by AccountDescription

having count(invoiceid) > 1

order by lineitemcount desc

5.

select top 1 ponumber,

round(sum(quantity\*cost),2) as Total

from orderitem

group by ponumber

order by total desc

6.

select accountno,

sum(invoicelineitemamount) as Total

from invoicelineitems

group by accountno with rollup

7.

select category,

sum(quantity \* saleprice) as Total,

sum(quantity) as Count

from merchandise as m join saleitem as si

on m.itemid=si.itemid

group by category

8.

select saleid,

count(animalid) as Total

from saleanimal

group by saleid

order by total desc

9.

select e.employeeid, lastname, firstname,

sum(quantity\*saleprice) as Total

from employee as e

join sale as s

on e.employeeid=s.employeeid

join saleitem as si

on s.saleid=si.saleid

group by e.employeeid, lastname, firstname

order by total desc

10.

select gender, count(animalid) as Total

from animal

where category = 'Cat'

and color = 'Black'

group by gender

11.

select vendorid, sum(invoicetotal) as InvoiceSum

from invoices

group by vendorid

12.

select top 5 vendorname,

sum(invoicetotal) as InvoiceSum

from invoices as i join vendors as v

on i.vendorid=v.vendorid

group by vendorname

order by invoicesum asc

13.

select top 5 vendorname,

count(paymenttotal) as PaymentCount,

sum(paymenttotal) as PaymentSum

from invoices as i join vendors as v

on i.vendorid=v.vendorid

group by vendorname

order by paymentcount asc

14.

select InvoiceLineItemDescription,

count(AccountDescription) as AccountCount

from glaccounts as gla join invoicelineitems as ili

on gla.accountno=ili.accountno

group by InvoiceLineItemDescription

having count(invoiceid) < 3

order by accountcount desc

15.

select top 5 itemid,

round(sum(quantityonhand\*listprice),4) as Total

from merchandise

group by itemid

order by total asc

16.

select invoicenumber,

sum(invoicetotal) as Invoicesum

from invoices

group by invoicenumber with rollup

17.

select description,

sum(quantity \* listprice) as ListPriceTotal,

sum(quantity) as Count

from merchandise as m join saleitem as si

on m.itemid=si.itemid

group by description

order by count asc

18.

select saleid,

sum(saleprice) as SalePriceSum

from saleanimal

group by saleid

order by SalePriceSum asc

19.

select e.employeeid,

firstname+' '+lastname as Name,

sum(saleprice) as SalePriceSum

from employee as e

join sale as s

on e.employeeid=s.employeeid

join saleitem as si

on s.saleid=si.saleid

group by e.employeeid, firstname, lastname

order by SalePriceSum desc

20.

select breed, count(animalid) as Total

from animal

where category = 'Fish'

and gender = 'Female'

group by breed