**Trixie Abbott**

**Solutions to Microsoft SQL Server Exercise**

Text

Description automatically generated with medium confidence

SELECT \*

FROM Vendors INNER JOIN Invoices

ON Vendors.VendorID = Invoices.VendorID;



SELECT VendorName, InvoiceNumber, InvoiceDate,

InvoiceTotal - PaymentTotal - CreditTotal AS Balance

FROM Vendors JOIN Invoices

ON Vendors.VendorID = Invoices.VendorID

WHERE InvoiceTotal - PaymentTotal - CreditTotal > 0

ORDER BY VendorName;



SELECT VendorName, DefaultAccountNo, AccountDescription

FROM Vendors JOIN GLAccounts

ON Vendors.DefaultAccountNo = GLAccounts.AccountNo

ORDER BY AccountDescription, VendorName;

Table

Description automatically generated with low confidence



SELECT VendorName, InvoiceNumber, InvoiceDate,

InvoiceTotal - PaymentTotal - CreditTotal AS Balance

FROM Vendors, Invoices

WHERE Vendors.VendorID = Invoices.VendorID

AND InvoiceTotal - PaymentTotal - CreditTotal > 0

ORDER BY VendorName;



SELECT VendorName AS Vendor, InvoiceDate AS Date,

InvoiceNumber AS Number, InvoiceSequence AS [#],

InvoiceLineItemAmount AS LineItem

FROM Vendors AS v JOIN Invoices AS i

ON v.VendorID = i.VendorID

JOIN InvoiceLineItems AS li

ON i.InvoiceID = li.InvoiceID

ORDER BY Vendor, Date, Number, [#];



SELECT DISTINCT v1.VendorID, v1.VendorName,

v1.VendorContactFName + ' ' + v1.VendorContactLName AS Name

FROM Vendors AS v1 JOIN Vendors AS v2

ON (v1.VendorID <> v2.VendorID) AND

(v1.VendorContactFName = v2.VendorContactFName)

ORDER BY Name;



SELECT GLAccounts.AccountNo, AccountDescription

FROM GLAccounts LEFT JOIN InvoiceLineItems

ON GLAccounts.AccountNo = InvoiceLineItems.AccountNo

WHERE InvoiceLineItems.AccountNo IS NULL

ORDER BY GLAccounts.AccountNo;



SELECT VendorName, VendorState

FROM Vendors

WHERE VendorState = 'CA'

UNION

SELECT VendorName, 'Outside CA'

FROM Vendors

WHERE VendorState <> 'CA'

ORDER BY VendorName;