

The screenshot shows the SQL Server Enterprise Manager interface. The top pane displays two SQL queries. The first query, 'SQLQuery4.sql', selects vendor names from the Vendors table where the vendor ID is in a list of IDs from the Invoices table. The second query, 'SQLQuery2.sql', selects invoice numbers and totals from the Invoices table where the payment total is greater than the average payment total and not equal to zero.

The bottom pane shows the results of the first query. The results are displayed in a table with the following data:

VendorName
1 Abbey Office Furnishings
2 Bertelsmann Industry Svcs. Inc
3 Blue Cross
4 Cahners Publishing Company
5 Cardinal Business Media, Inc.
6 Coffee Break Service
7 Compuserve
8 Computerworld
9 Data Reproductions Corp

The status bar at the bottom indicates that the query was executed successfully on localhost (14.0 RTM) at 00:00:00, returning 34 rows.

The screenshot shows the SQL Server Enterprise Manager interface. The top pane displays two SQL queries. The first query, 'SQLQuery2.sql', selects invoice numbers and totals from the Invoices table where the payment total is greater than the average payment total and not equal to zero. The second query, 'SQLQuery3.sql', selects vendor names, invoice IDs, invoice sequences, and invoice line item amounts from the Vendors, Invoices, and InvoiceLineItems tables.

The bottom pane shows the results of the first query. The results are displayed in a table with the following data:

InvoiceNumber	InvoiceTotal
989319-457	3813.33
10843	4901.26
77290	1750.00
P02-3772	7125.34
0-2058	37966.19
40318	21842.00
989319-437	2765.36
989319-477	2184.11
367447	2433.00

The status bar at the bottom indicates that the query was executed successfully on localhost (14.0 RTM) at 00:00:00, returning 20 rows.

SQLQuery4.sql - lo...J1ANT\student (70))* SQLQuery3.sql - lo...J1ANT\student (69))* SQLQuery2.sql - lo...J1ANT\student (68))* Object Explorer

```

SELECT VendorName, Invoices.InvoiceID, InvoiceSequence, InvoiceLineItemAmount
FROM Vendors JOIN Invoices
ON Vendors.VendorID = Invoices.VendorID
JOIN InvoiceLineItems
ON Invoices.InvoiceID = InvoiceLineItems.InvoiceID
WHERE Invoices.InvoiceID IN
(SELECT InvoiceID
FROM InvoiceLineItems
WHERE InvoiceSequence > 1)
ORDER BY VendorName, Invoices.InvoiceID, InvoiceSequence;

```

100 %

Results Messages

	VendorName	InvoiceID	InvoiceSequence	InvoiceLineItemAmount
1	Wells Fargo Bank	12	1	50.00
2	Wells Fargo Bank	12	2	75.60
3	Wells Fargo Bank	12	3	58.40
4	Wells Fargo Bank	12	4	478.00
5	Zylka Design	78	1	1197.00
6	Zylka Design	78	2	765.13

Query executed successfully. localhost (14.0 RTM) EC2AMAZ-LSJ1ANT\studen... AP 00:00:00 6 rows

Ready

SQLQuery4.sql - lo...J1ANT\student (70))* SQLQuery3.sql - lo...J1ANT\student (69))* SQLQuery2.sql - lo...J1ANT\student (68))* Object Explorer

```

DROP TABLE InvoiceCopy;
DROP TABLE VendorCopy;

SELECT *
INTO InvoiceCopy
FROM Invoices;

SELECT *
INTO VendorCopy
FROM Vendors;

UPDATE InvoiceCopy
SET TermsID = 2

```

00 %

Messages

(114 rows affected)

(122 rows affected)

100 %

Query executed successfully. localhost (14.0 RTM) EC2AMAZ-LSJ1ANT\studen... AP 00:00:00 0 rows

Ready

SQLQuery4.sql - lo...J1ANT\student (70))* SQLQuery3.sql - lo...J1ANT\student (69))* SQLQuery2.sql - lo...J1ANT\student (68))* Object Explorer

```

UPDATE InvoiceCopy
SET TermsID = 2
WHERE VendorID IN
(SELECT VendorID
FROM VendorCopy
WHERE DefaultTermsID = 2);

UPDATE InvoiceCopy
SET TermsID = 2
JOIN VendorCopy
FROM InvoiceCopy
ON InvoiceCopy.VendorID = VendorCopy.VendorID
WHERE DefaultTermsID = 2;

```

100 %

Messages

(18 rows affected)

100 %

Query executed successfully. | localhost (14.0 RTM) | EC2AMAZ-LSJ1ANT\studen... | AP | 00:00:00 | 0 rows

SQLQuery3.sql - localhost.AP (EC2AMAZ-LSJ1ANT\student (69))* - Microsoft SQL Server Enterprise Edition | 172.25.28.212

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SQLQuery3.sql - lo...J1ANT\student (69))* SQLQuery2.sql - lo...J1ANT\student (68))* Object Explorer

```

SELECT CAST(InvoiceTotal AS decimal(17,2))
AS CastAsDecimal,
CAST(InvoiceTotal AS varchar) AS CastAsVarchar,
CONVERT(decimal(17,2),InvoiceTotal) AS ConvertToDecimal,
CONVERT(varchar,InvoiceTotal,1) AS ConvertToVarchar
FROM Invoices;

```

00 %

Results Messages

	CastAsDecimal	CastAsVarchar	ConvertToDecimal	ConvertToVarchar
1	3813.33	3813.33	3813.33	3,813.33
2	40.20	40.20	40.20	40.20
3	138.75	138.75	138.75	138.75
4	144.70	144.70	144.70	144.70
5	15.50	15.50	15.50	15.50
6	42.75	42.75	42.75	42.75
7	172.50	172.50	172.50	172.50
8	95.00	95.00	95.00	95.00
9	601.95	601.95	601.95	601.95

100 %

Query executed successfully. | localhost (14.0 RTM) | EC2AMAZ-LSJ1ANT\studen... | AP | 00:00:00 | 114 rows