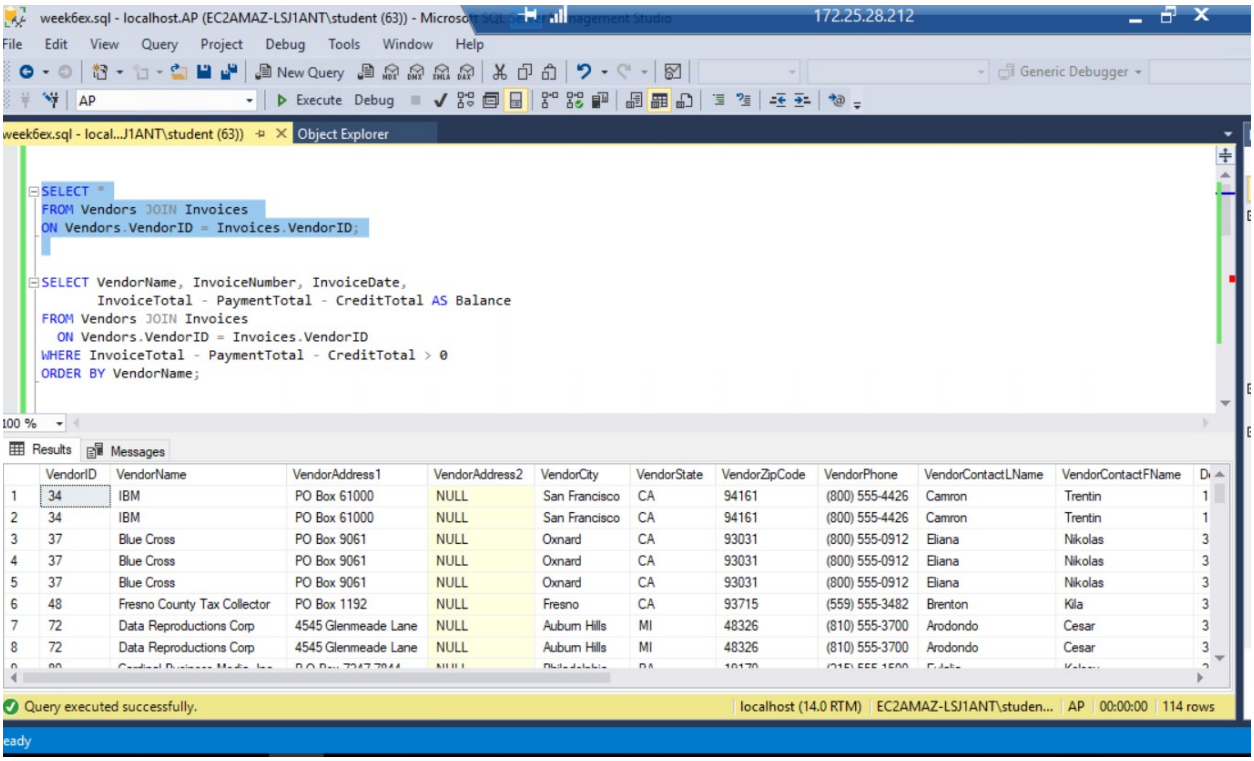
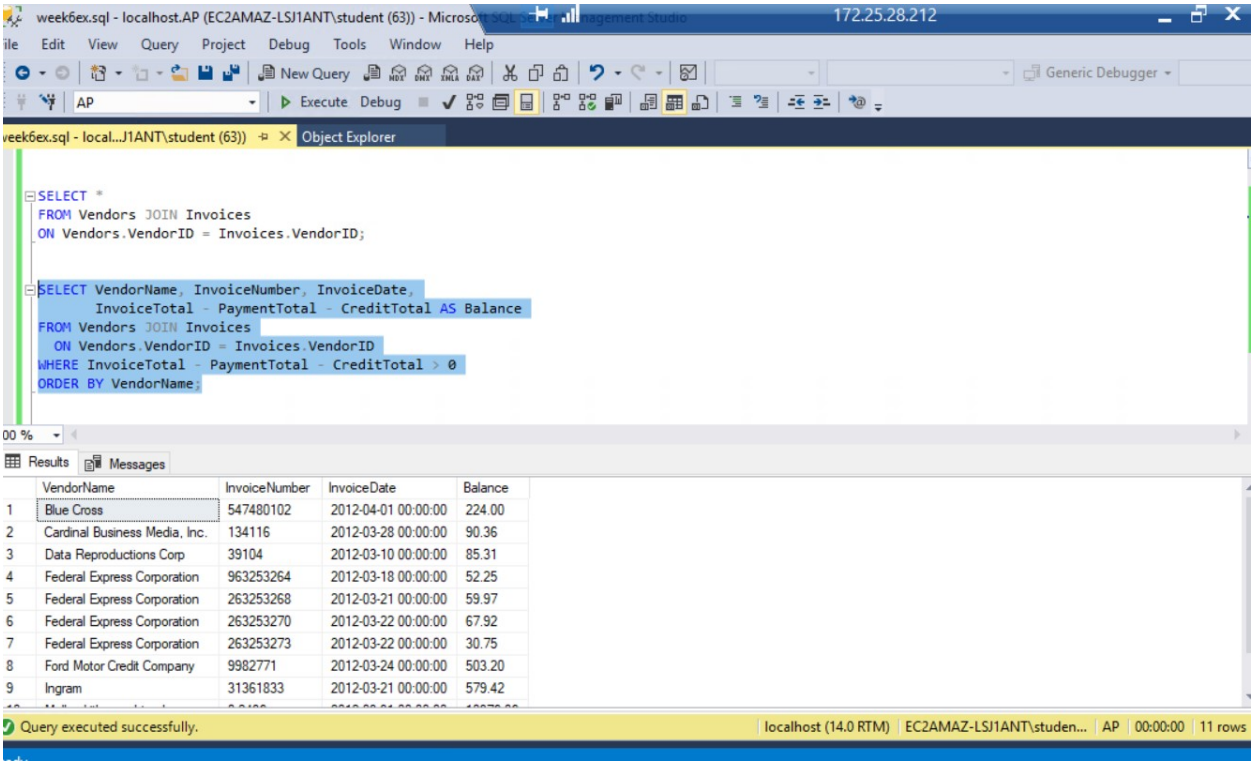
Kiauna Newman Week 6 2/20/2021

PART A

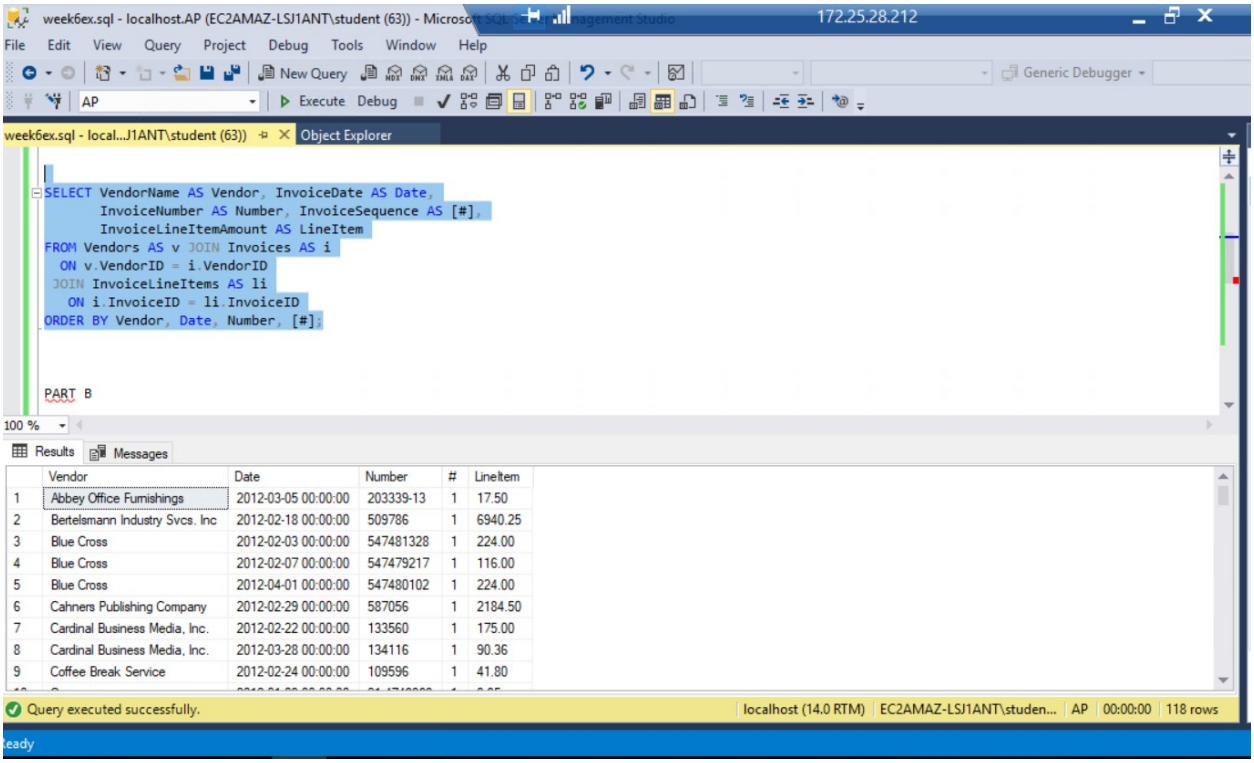
1.



2.

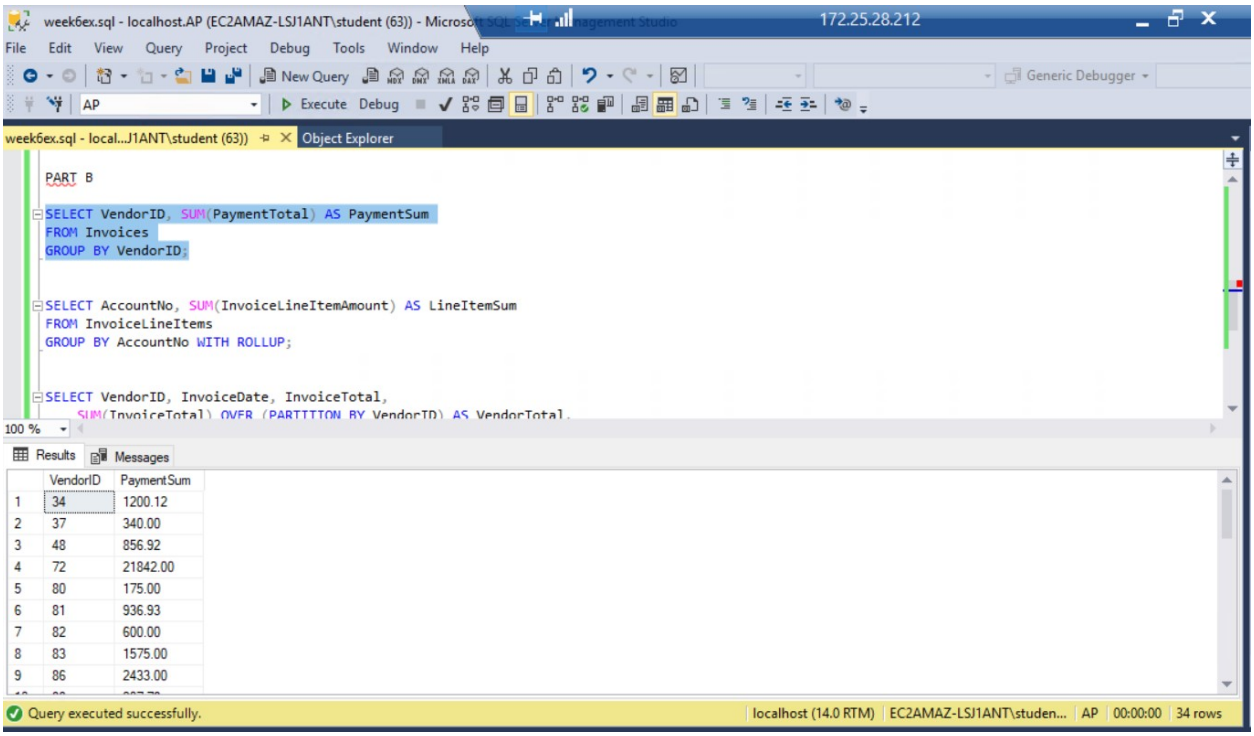


5.

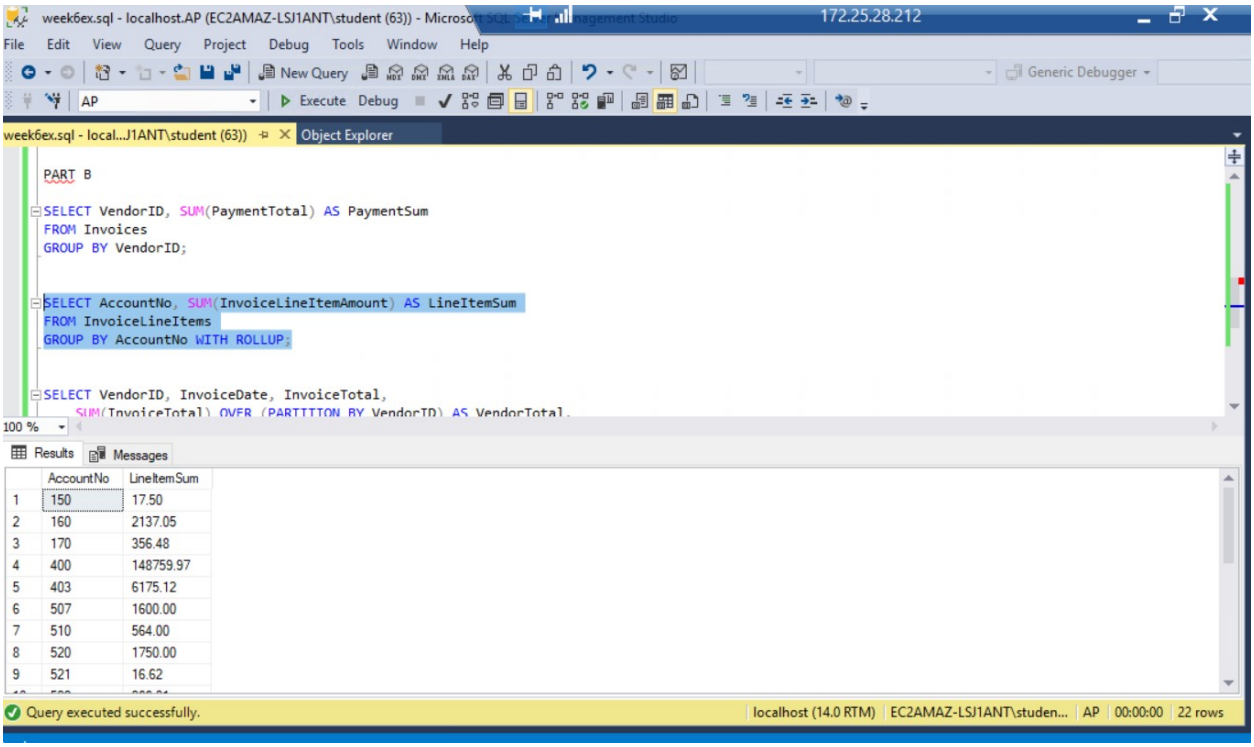

week6ex.sql - localhost.AP (EC2AMAZ-LSJ1ANT\student (63)) - Microsoft SQL Server Management Studio
172.25.28.212
File Edit View Query Project Debug Tools Window Help
New Query
Generic Debugger
AP
Execute Debug
week6ex.sql - local...J1ANT\student (63))
Object Explorer
SELECT VendorName AS Vendor, InvoiceDate 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, [#];
PART B
100 %
Results
Messages
Vendor | Date | Number | # | LineItem
1 | Abbey Office Furnishings | 2012-03-05 00:00:00 | 203339-13 | 1 | 17.50
2 | Bertelsmann Industry Svcs. Inc | 2012-02-18 00:00:00 | 509786 | 1 | 6940.25
3 | Blue Cross | 2012-02-03 00:00:00 | 547481328 | 1 | 224.00
4 | Blue Cross | 2012-02-07 00:00:00 | 547479217 | 1 | 116.00
5 | Blue Cross | 2012-04-01 00:00:00 | 547480102 | 1 | 224.00
6 | Cahners Publishing Company | 2012-02-29 00:00:00 | 587056 | 1 | 2184.50
7 | Cardinal Business Media, Inc. | 2012-02-22 00:00:00 | 133560 | 1 | 175.00
8 | Cardinal Business Media, Inc. | 2012-03-28 00:00:00 | 134116 | 1 | 90.36
9 | Coffee Break Service | 2012-02-24 00:00:00 | 109596 | 1 | 41.80
Query executed successfully.
localhost (14.0 RTM) | EC2AMAZ-LSJ1ANT\studen... | AP | 00:00:00 | 118 rows
Ready

PART B

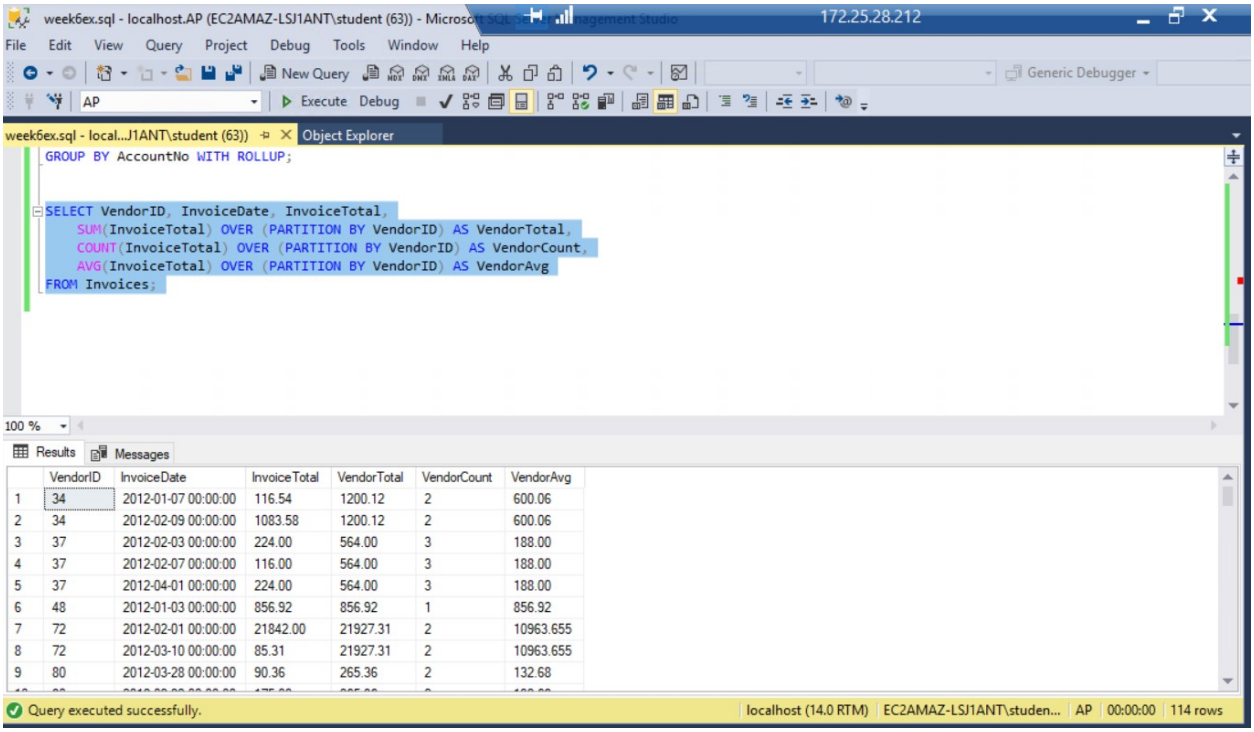
1.


week6ex.sql - localhost.AP (EC2AMAZ-LSJ1ANT\student (63)) - Microsoft SQL Server Management Studio
172.25.28.212
File Edit View Query Project Debug Tools Window Help
New Query
Generic Debugger
AP
Execute Debug
week6ex.sql - local...J1ANT\student (63))
Object Explorer
PART B
SELECT VendorID, SUM(PaymentTotal) AS PaymentSum
FROM Invoices
GROUP BY VendorID;
SELECT AccountNo, SUM(InvoiceLineItemAmount) AS LineItemSum
FROM InvoiceLineItems
GROUP BY AccountNo WITH ROLLUP;
SELECT VendorID, InvoiceDate, InvoiceTotal,
SUM(InvoiceTotal) OVER (PARTITION BY VendorID) AS VendorTotal,
100 %
Results
Messages
VendorID | PaymentSum
1 | 34 | 1200.12
2 | 37 | 340.00
3 | 48 | 856.92
4 | 72 | 21842.00
5 | 80 | 175.00
6 | 81 | 936.93
7 | 82 | 600.00
8 | 83 | 1575.00
9 | 86 | 2433.00
Query executed successfully.
localhost (14.0 RTM) | EC2AMAZ-LSJ1ANT\studen... | AP | 00:00:00 | 34 rows

6.


week6ex.sql - localhost.AP (EC2AMAZ-LSJ1ANT\student (63)) - Microsoft SQL Server Management Studio
172.25.28.212
File Edit View Query Project Debug Tools Window Help
New Query
Generic Debugger
AP
Execute Debug
week6ex.sql - local...J1ANT\student (63))
Object Explorer
PART B
SELECT VendorID, SUM(PaymentTotal) AS PaymentSum
FROM Invoices
GROUP BY VendorID;
SELECT AccountNo, SUM(InvoiceLineItemAmount) AS LineItemSum
FROM InvoiceLineItems
GROUP BY AccountNo WITH ROLLUP;
SELECT VendorID, InvoiceDate, InvoiceTotal,
SUM(InvoiceTotal) OVER (PARTITION BY VendorID) AS VendorTotal,
100 %
Results
Messages
AccountNo LineItemSum
1 150 17.50
2 160 2137.05
3 170 356.48
4 400 148759.97
5 403 6175.12
6 507 1600.00
7 510 564.00
8 520 1750.00
9 521 16.62
Query executed successfully.
localhost (14.0 RTM) EC2AMAZ-LSJ1ANT\studen... AP 00:00:00 22 rows

9.


week6ex.sql - localhost.AP (EC2AMAZ-LSJ1ANT\student (63)) - Microsoft SQL Server Management Studio
172.25.28.212
File Edit View Query Project Debug Tools Window Help
New Query
Generic Debugger
AP
Execute Debug
week6ex.sql - local...J1ANT\student (63))
Object Explorer
GROUP BY AccountNo WITH ROLLUP;
SELECT VendorID, InvoiceDate, InvoiceTotal,
SUM(InvoiceTotal) OVER (PARTITION BY VendorID) AS VendorTotal,
COUNT(InvoiceTotal) OVER (PARTITION BY VendorID) AS VendorCount,
AVG(InvoiceTotal) OVER (PARTITION BY VendorID) AS VendorAvg
FROM Invoices;
100 %
Results
Messages
VendorID InvoiceDate InvoiceTotal VendorTotal VendorCount VendorAvg
1 34 2012-01-07 00:00:00 116.54 1200.12 2 600.06
2 34 2012-02-09 00:00:00 1083.58 1200.12 2 600.06
3 37 2012-02-03 00:00:00 224.00 564.00 3 188.00
4 37 2012-02-07 00:00:00 116.00 564.00 3 188.00
5 37 2012-04-01 00:00:00 224.00 564.00 3 188.00
6 48 2012-01-03 00:00:00 856.92 856.92 1 856.92
7 72 2012-02-01 00:00:00 21842.00 21927.31 2 10963.655
8 72 2012-03-10 00:00:00 85.31 21927.31 2 10963.655
9 80 2012-03-28 00:00:00 90.36 265.36 2 132.68
Query executed successfully.
localhost (14.0 RTM) EC2AMAZ-LSJ1ANT\studen... AP 00:00:00 114 rows