

IS 475/675 - HW#7

Each of the questions below requires you to create a SELECT statement to satisfy the request. There are 15 questions for this assignment. Your primary goal is to create an accurate result table for each of the questions.

Deliverables

Turn in three deliverables for this assignment: (1) Paper-based output (one per team); (2) A computer file with SQL code but NO result tables (one per team); and (3) time sheet (one per member of a team). Please refer to HW#6 for a description of the paper-based output. The computer file should contain all SQL code required to complete the assignment, but please do not include the result tables. Please clearly mark in that file what SQL SELECT statement code is for which question. It can be in MS Word or text format and should be uploaded to the Assignment Uploads disk on the COBA computer server in the IS475\HW7 folder. I will use the code in the file to test your SQL code directly if I have any questions/issues with it so please don't include a "picture" of your SQL code – I need a text-based version of the SQL code.

Here are the query questions:

1. Create a listing of all the orders in the ORDER table with an OrderDate in January of the current year. Make sure your query uses the current year from GETDATE, rather than hard-coding 2016 into the WHERE clause. Include the orderdate, orderid (called Order Number in the result table below, customer name (last name and first initial), and customer phone number. Sort the orders by date so that the most current orderdate is first and the oldest orderdate is last in the list. Here is the entire result table:

	OrderDate	OrderNumber	CustomerName	CustomerTelephone
1	01/29/2016	651222	Martinez, G.	(775) 883-7612
2	01/26/2016	200335	Rodriguez, K.	(819) 382-1828
3	01/26/2016	300221	Rodriguez, K.	(819) 382-1828
4	01/26/2016	567123	Rodriguez, K.	(819) 382-1828
5	01/22/2016	980001	Guili, M.	(619) 562-1334

2. Enhance the query created for question #1 to include shipping contact information. If the shipping address, zip code, country and phone are not null in the Order table, then include them in the result table. If the shipping data are null, then include the customer data. If both are null for any of the fields in the result table, then include the word 'Unknown' in the result table. Telephone numbers can be a problem since they are structured in a variety of formats. If the country is not equal to 'USA', then do not format the telephone number – just display it as is. If the country is equal to USA or if it is NULL, then use USA formatting. The entire result table is displayed at the top of the next page.

	OrderDate	OrderNumber	CustomerName	ShippingAddress	ShippingCode	ShippingCountry	CustomerTelephone
1	01/29/2016	651222	Martinez, G.	223 North Pinetree Drive	89511	Unknown	(775) 883-7612
2	01/26/2016	200335	Rodriguez, K.	Arch 162 Stamford Brook	W6 0SE	UK	441817417500
3	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005
4	01/26/2016	567123	Rodriguez, K.	2276 Brentell Street Suite 201	92128	USA	(858) 344-0669
5	01/22/2016	980001	Guili, M.	4457 Meridith St	97128	Unknown	(619) 562-1334

3. Expand the query created for question #2 to include information about each item on each order in the ORDER table with an orderdate in January of the current year. Include the same parameters as requested in questions #1 and #2, but expand the output columns to include the item number on order, the description, quantity on order, price, and extended price (quantity * price). Here is the entire result table:

	OrderDate	OrderNumber	CustomerName	ShippingAddress	ShippingCode	ShippingCountry	CustomerTelephone	ItemID	Quantity	Price	ExtendedPrice
1	01/29/2016	651222	Martinez, G.	223 North Pinetree Drive	89511	Unknown	(775) 883-7612	A34665	5	37.95	189.75
2	01/29/2016	651222	Martinez, G.	223 North Pinetree Drive	89511	Unknown	(775) 883-7612	A34882	16	11.95	191.20
3	01/29/2016	651222	Martinez, G.	223 North Pinetree Drive	89511	Unknown	(775) 883-7612	B78244	21	17.99	377.79
4	01/26/2016	200335	Rodriguez, K.	Arch 162 Stamford Brook	W6 0SE	UK	441817417500	A23441	1	29.95	29.95
5	01/26/2016	200335	Rodriguez, K.	Arch 162 Stamford Brook	W6 0SE	UK	441817417500	A34665	1	34.95	34.95
6	01/26/2016	200335	Rodriguez, K.	Arch 162 Stamford Brook	W6 0SE	UK	441817417500	B67123	1	39.99	39.99
7	01/26/2016	200335	Rodriguez, K.	Arch 162 Stamford Brook	W6 0SE	UK	441817417500	B67466	1	43.95	43.95
8	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005	A23771	1	145.99	145.99
9	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005	A34665	1	35.95	35.95
10	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005	A34882	1	10.95	10.95
11	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005	B67123	1	39.99	39.99
12	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005	B78244	1	19.95	19.95
13	01/26/2016	567123	Rodriguez, K.	2276 Brentell Street Suite 201	92128	USA	(858) 344-0669	C26133	1	395.95	395.95
14	01/22/2016	980001	Guili, M.	4457 Meridith St	97128	Unknown	(619) 562-1334	C29179	3	275.99	827.97
15	01/22/2016	980001	Guili, M.	4457 Meridith St	97128	Unknown	(619) 562-1334	C34122	2	169.95	339.90

4. Expand the query created for question #3 to include the item description (in the Item table). The entire result table is displayed at the top of the next page.

	OrderDate	OrderNumber	CustomerName	ShippingAddress	ShippingCode	ShippingCountry	CustomerTelephone	ItemID	description	Quantity	Price	ExtendedPrice
1	01/29/2016	651222	Martinez, G.	223 North Pinetree Drive	89511	Unknown	(775) 883-7612	A34665	Boggle Deluxe 5x5	5	37.95	189.75
2	01/29/2016	651222	Martinez, G.	223 North Pinetree Drive	89511	Unknown	(775) 883-7612	A34882	Perudo	16	11.95	191.20
3	01/29/2016	651222	Martinez, G.	223 North Pinetree Drive	89511	Unknown	(775) 883-7612	B78244	Code Names	21	17.99	377.79
4	01/26/2016	200335	Rodriguez, K.	Arch 162 Stamford Brook	W6 0SE	UK	441817417500	A23441	New York City Monopoly Game Collector's Edition	1	29.95	29.95
5	01/26/2016	200335	Rodriguez, K.	Arch 162 Stamford Brook	W6 0SE	UK	441817417500	A34665	Boggle Deluxe 5x5	1	34.95	34.95
6	01/26/2016	200335	Rodriguez, K.	Arch 162 Stamford Brook	W6 0SE	UK	441817417500	B67123	Tiny Epic Galaxies	1	39.99	39.99
7	01/26/2016	200335	Rodriguez, K.	Arch 162 Stamford Brook	W6 0SE	UK	441817417500	B67466	Diplomacy: Game of Negotiation, Cunning and Deceit.	1	43.95	43.95
8	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005	A23771	Mysterium	1	145.99	145.99
9	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005	A34665	Boggle Deluxe 5x5	1	35.95	35.95
10	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005	A34882	Perudo	1	10.95	10.95
11	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005	B67123	Tiny Epic Galaxies	1	39.99	39.99
12	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005	B78244	Code Names	1	19.95	19.95
13	01/26/2016	567123	Rodriguez, K.	2276 Brentell Street Suite 201	92128	USA	(858) 344-0669	C26133	Knowledge Management: Create a Learning Organiz...	1	395.95	395.95
14	01/22/2016	980001	Guili, M.	4457 Meridith St	97128	Unknown	(619) 562-1334	C29179	Managing Change: The Game for an Executive Retr...	3	275.99	827.97
15	01/22/2016	980001	Guili, M.	4457 Meridith St	97128	Unknown	(619) 562-1334	C34122	A Game of Strategy, Negotiation and Excitement for ...	2	169.95	339.90

5. One more expansion to the query. Let's add in a column in the result table that displays the category description of the item type for each item. Here is the result table:

	OrderDate	OrderNumber	CustomerName	ShippingAddress	ShippingCode	ShippingCountry	CustomerTelephone	ItemID	Description	CategoryDescription	Quantity	Price	ExtendedPrice
1	01/29/2016	651222	Martinez, G.	223 North Pinetree Drive	89511	Unknown	(775) 883-7612	A34665	Boggle Deluxe 5x5	Classic Board Games	5	37.95	189.75
2	01/29/2016	651222	Martinez, G.	223 North Pinetree Drive	89511	Unknown	(775) 883-7612	A34882	Perudo	Classic Board Games	16	11.95	191.20
3	01/29/2016	651222	Martinez, G.	223 North Pinetree Drive	89511	Unknown	(775) 883-7612	B78244	Code Names	Mystery and Thrillers	21	17.99	377.79
4	01/26/2016	200335	Rodriguez, K.	Arch 162 Stamford Brook	W6 0SE	UK	441817417500	A23441	New York City Monopoly Game Collector's Edition	Classic Board Games	1	29.95	29.95
5	01/26/2016	200335	Rodriguez, K.	Arch 162 Stamford Brook	W6 0SE	UK	441817417500	A34665	Boggle Deluxe 5x5	Classic Board Games	1	34.95	34.95
6	01/26/2016	200335	Rodriguez, K.	Arch 162 Stamford Brook	W6 0SE	UK	441817417500	B67123	Tiny Epic Galaxies	Science Fiction and Fantasy	1	39.99	39.99
7	01/26/2016	200335	Rodriguez, K.	Arch 162 Stamford Brook	W6 0SE	UK	441817417500	B67466	Diplomacy: Game of Negotiation, Cunning and Deceit.	Office and Team Building	1	43.95	43.95
8	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005	A23771	Mysterium	Science Fiction and Fantasy	1	145.99	145.99
9	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005	A34665	Boggle Deluxe 5x5	Classic Board Games	1	35.95	35.95
10	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005	A34882	Perudo	Classic Board Games	1	10.95	10.95
11	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005	B67123	Tiny Epic Galaxies	Science Fiction and Fantasy	1	39.99	39.99
12	01/26/2016	300221	Rodriguez, K.	251 Western Avenue Suite 1a	08776	USA	(210) 900-3005	B78244	Code Names	Mystery and Thrillers	1	19.95	19.95
13	01/26/2016	567123	Rodriguez, K.	2276 Brentell Street Suite 201	92128	USA	(858) 344-0669	C26133	Knowledge Management: Create a Learning Organiz...	Office and Team Building	1	395.95	395.95
14	01/22/2016	980001	Guili, M.	4457 Meridith St	97128	Unknown	(619) 562-1334	C29179	Managing Change: The Game for an Executive Retr...	Office and Team Building	3	275.99	827.97
15	01/22/2016	980001	Guili, M.	4457 Meridith St	97128	Unknown	(619) 562-1334	C34122	A Game of Strategy, Negotiation and Excitement for ...	Office and Team Building	2	169.95	339.90

6. Time for a completely new query! Create a grouped report that summarizes data and provides information about each item that is on an order in the tblOrderLine. The report should include the itemid, the total quantity on order for that item, the number (count) of orderlines in the OrderLine table that the item is on, the minimum price that the item sold for, the maximum price that the item sold for, and the average price that the item sold for. The report should be ordered by itemid. The result table with ugly columnar headings (make more explanatory columnar headings on your output) is provided on the top of the next page.

	ItemID	ItemDescription	TotalQtySold	CountofOrderLines	MinimumPrice	MaximumPrice	AveragePrice
1	A23441	New York City Monopoly Game Collector's Edition	64	3	29.95	29.95	29.95
2	A23771	Mysterium	33	4	122.99	145.99	135.24
3	A34665	Boggle Deluxe 5x5	147	6	23.95	37.95	33.625
4	A34882	Perudo	102	4	7.95	11.95	10.20
5	B67123	Tiny Epic Galaxies	53	5	14.95	389.99	103.974
6	B67466	Diplomacy: Game of Negotiation, Cunning and Deceit.	26	4	40.95	43.95	42.70
7	B78244	Code Names	40	3	17.99	19.95	18.9633
8	C26133	Knowledge Management: Create a Learning Organiz...	21	4	380.00	398.95	392.7125
9	C29179	Managing Change: The Game for an Executive Retr...	16	4	259.95	280.00	268.9725
10	C34122	A Game of Strategy, Negotiation and Excitement for ...	19	4	167.95	269.95	201.9625

7. Modify the query written for question #6 to include all items in the Item table, whether or not there is an orderline for that item in the OrderLine table. Here is the result table:

	ItemID	ItemDescription	TotalQtySold	CountofOrderLines	MinimumPrice	MaximumPrice	AveragePrice
1	A23441	New York City Monopoly Game Collector's Edition	64	3	29.95	29.95	29.95
2	A23771	Mysterium	33	4	122.99	145.99	135.24
3	A34665	Boggle Deluxe 5x5	147	6	23.95	37.95	33.625
4	A34882	Perudo	102	4	7.95	11.95	10.20
5	A45111	How to Host a Murder - An Affair to Dismember	0	0	0.00	0.00	0.00
6	B67123	Tiny Epic Galaxies	53	5	14.95	389.99	103.974
7	B67466	Diplomacy: Game of Negotiation, Cunning and Deceit.	26	4	40.95	43.95	42.70
8	B78244	Code Names	40	3	17.99	19.95	18.9633
9	B78500	Pandemic Legacy	0	0	0.00	0.00	0.00
10	C26133	Knowledge Management: Create a Learning Organiz...	21	4	380.00	398.95	392.7125
11	C29179	Managing Change: The Game for an Executive Retr...	16	4	259.95	280.00	268.9725
12	C34122	A Game of Strategy, Negotiation and Excitement for ...	19	4	167.95	269.95	201.9625

8. List the cost paid for each item in tblItem by date. An item's cost is stored in the LastCost attribute of tblItemCostHistory. There may be no rows in tblItemCostHistory for a given item in tblItem, or there may be many rows; all the rows in tblItemCostHistory should be included in the result table. There must be at least one row in the result table for each row in tblItem. Sort the result table by itemID in ascending order, and LastCostDate in descending order. The first 13 rows of the result table are provided below to help with testing, but there are more rows in the actual result table. Make sure that all rows in the result table are copied to your deliverable.

	ItemID	Description	Last Cost Date	Last Cost Paid
1	A23441	New York City Monopoly Game Collector's Edition	Feb 02, 2016	12.50
2	A23441	New York City Monopoly Game Collector's Edition	Jan 05, 2016	10.35
3	A23441	New York City Monopoly Game Collector's Edition	Jul 07, 2015	11.15
4	A23441	New York City Monopoly Game Collector's Edition	Sep 23, 2014	10.88
5	A23441	New York City Monopoly Game Collector's Edition	May 12, 2013	10.50
6	A23441	New York City Monopoly Game Collector's Edition	Jan 06, 2013	10.25
7	A23771	Mysterium	Jul 23, 2013	8.50
8	A34665	Boggle Deluxe 5x5	Dec 28, 2015	14.35
9	A34665	Boggle Deluxe 5x5	Jul 15, 2015	14.50
10	A34665	Boggle Deluxe 5x5	Jan 12, 2015	15.00
11	A34882	Perudo	Feb 05, 2016	12.50
12	A34882	Perudo	Feb 19, 2014	6.50
13	A45111	How to Host a Murder - An Affair to Dismember	No Date Recorded	0.00

9. Modify the query created to answer question #8 so that only the most current last cost is displayed. The most current last cost is the most recent cost – it may or may not be the largest cost. There should be only one row per item in tblItem for this result table. Hint: I recommend using a correlated sub-query in the WHERE statement. Here is the entire result table:

	ItemID	Description	Last Cost Date	Last Cost Paid
1	A23441	New York City Monopoly Game Collector's Edition	Feb 02, 2016	12.50
2	A23771	Mysterium	Jul 23, 2013	8.50
3	A34665	Boggle Deluxe 5x5	Dec 28, 2015	14.35
4	A34882	Perudo	Feb 05, 2016	12.50
5	A45111	How to Host a Murder - An Affair to Dismember	No Date Recorded	0.00
6	B67123	Tiny Epic Galaxies	Feb 02, 2016	21.80
7	B67466	Diplomacy: Game of Negotiation, Cunning and Deceit.	Sep 12, 2015	31.00
8	B78244	Code Names	Jul 15, 2015	14.50
9	B78500	Pandemic Legacy	Feb 10, 2016	22.35
10	C26133	Knowledge Management: Create a Learning Organiz...	Feb 15, 2016	212.25
11	C29179	Managing Change: The Game for an Executive Retr...	Jan 17, 2016	158.85
12	C34122	A Game of Strategy, Negotiation and Excitement for ...	Feb 02, 2016	58.50

10. Modify the query created to answer question #9 so that the average last cost and a count of the number of times an item is in the ItemCostHistory table is included in the SELECT list. Hint: I recommend using correlated sub-queries in the SELECT list to create these new columns. Result table:

	ItemID	Description	Last Cost Date	CountOfPurchases	Last Cost Paid	Average Last Cost
1	A23441	New York City Monopoly Game Collector's Edition	Feb 02, 2016	6	12.50	10.94
2	A23771	Mysterium	Jul 23, 2013	1	8.50	8.50
3	A34665	Boggle Deluxe 5x5	Dec 28, 2015	3	14.35	14.62
4	A34882	Perudo	Feb 05, 2016	2	12.50	9.50
5	A45111	How to Host a Murder - An Affair to Dismember	No Date Recorded	0	0.00	0.00
6	B67123	Tiny Epic Galaxies	Feb 02, 2016	4	21.80	17.40
7	B67466	Diplomacy: Game of Negotiation, Cunning and Deceit.	Sep 12, 2015	3	31.00	27.47
8	B78244	Code Names	Jul 15, 2015	1	14.50	14.50
9	B78500	Pandemic Legacy	Feb 10, 2016	4	22.35	20.08
10	C26133	Knowledge Management: Create a Learning Organiz...	Feb 15, 2016	4	212.25	213.06
11	C29179	Managing Change: The Game for an Executive Retr...	Jan 17, 2016	2	158.85	159.43
12	C34122	A Game of Strategy, Negotiation and Excitement for ...	Feb 02, 2016	4	58.50	50.63

11. List the OrderID, ItemID, quantity ordered, and price for each row in the OrderLine table. In addition, summarize the quantity shipped that has been shipped for a given item on a given order. Calculate the difference between the quantity ordered and the total quantity shipped (displayed in the sample result table in the column "LeftToShip"). Make sure that the result table displays all items on all orders – if an items had not had any shipments, it should still be included in the result table. The first 13 rows of the result table are provided at the top of the next page. The total number of rows in the result table should be equal to the total number of rows in the OrderLine table. Be sure to include all rows in the result table on the deliverable.

	OrderID	ItemID	Price	Quantity	TotalQuantityShipped	LeftToShip
1	123000	A23441	29.95	8	8	0
2	123000	A34665	37.95	30	32	-2
3	123000	B67123	389.99	5	5	0
4	200335	A23441	29.95	1	6	-5
5	200335	A34665	34.95	1	0	1
6	200335	B67123	39.99	1	0	1
7	200335	B67466	43.95	1	1	0
8	223344	A23441	29.95	55	28	27
9	223344	A23771	122.99	15	45	-30
10	223344	A34665	23.95	100	110	-10
11	223344	A34882	7.95	35	35	0
12	223344	B67123	34.95	25	25	0
13	223344	B67466	40.95	15	0	15

12. Modify the query written to answer the previous question to include more data about the order. Include the last name and first name of the customer, as shown in the sample result table provided below. The sample result table contains only the first 13 rows of the result table – yours should contain more rows.

	OrderID	CustomerName	ItemID	Price	Quantity	TotalQuantityShipped	LeftToShip
1	123000	Barrington, Margaret	A23441	29.95	8	8	0
2	123000	Barrington, Margaret	A34665	37.95	30	32	-2
3	123000	Barrington, Margaret	B67123	389.99	5	5	0
4	200335	Rodriguez, Karen	A23441	29.95	1	6	-5
5	200335	Rodriguez, Karen	A34665	34.95	1	0	1
6	200335	Rodriguez, Karen	B67123	39.99	1	0	1
7	200335	Rodriguez, Karen	B67466	43.95	1	1	0
8	223344	Candriller, Kathy	A23441	29.95	55	28	27
9	223344	Candriller, Kathy	A23771	122.99	15	45	-30
10	223344	Candriller, Kathy	A34665	23.95	100	110	-10
11	223344	Candriller, Kathy	A34882	7.95	35	35	0
12	223344	Candriller, Kathy	B67123	34.95	25	25	0
13	223344	Candriller, Kathy	B67466	40.95	15	0	15

13. Modify the query written to answer question #12 to include the description of the item, the list price, and the category description of the item. The sample result table below contains only the first 13 rows – yours will contain more rows.

	OrderID	CustomerName	ItemID	Description	CategoryDescription	ListPrice	Price	Quantity	TotalQuantityShipped	Left To Ship
1	123000	Barrington, Margaret	A23441	New York City Monopoly Game Collector's Edition	Classic Board Games	29.95	29.95	8	8	0
2	123000	Barrington, Margaret	A34665	Boggle Deluxe 5x5	Classic Board Games	34.95	37.95	30	32	-2
3	123000	Barrington, Margaret	B67123	Tiny Epic Galaxies	Science Fiction and Fantasy	39.99	389.99	5	5	0
4	200335	Rodriguez, Karen	A23441	New York City Monopoly Game Collector's Edition	Classic Board Games	29.95	29.95	1	6	-5
5	200335	Rodriguez, Karen	A34665	Boggle Deluxe 5x5	Classic Board Games	34.95	34.95	1	0	1
6	200335	Rodriguez, Karen	B67123	Tiny Epic Galaxies	Science Fiction and Fantasy	39.99	39.99	1	0	1
7	200335	Rodriguez, Karen	B67466	Diplomacy: Game of Negotiation, Cunning and Deceit.	Office and Team Building	43.95	43.95	1	1	0
8	223344	Candriller, Kathy	A23441	New York City Monopoly Game Collector's Edition	Classic Board Games	29.95	29.95	55	28	27
9	223344	Candriller, Kathy	A23771	Mysterium	Science Fiction and Fantasy	132.99	122.99	15	45	-30
10	223344	Candriller, Kathy	A34665	Boggle Deluxe 5x5	Classic Board Games	34.95	23.95	100	110	-10
11	223344	Candriller, Kathy	A34882	Perudo	Classic Board Games	10.95	7.95	35	35	0
12	223344	Candriller, Kathy	B67123	Tiny Epic Galaxies	Science Fiction and Fantasy	39.99	34.95	25	25	0
13	223344	Candriller, Kathy	B67466	Diplomacy: Game of Negotiation, Cunning and Deceit.	Office and Team Building	43.95	40.95	15	0	15

14. Modify the query written to answer question #13 so that the only rows in the result table are those representing a total over shipment (LeftToShip is a negative number). Here is the result table:

	OrderID	CustomerName	ItemID	Description	CategoryDescription	ListPrice	Price	Quantity	TotalQuantityShipped	Left To Ship
1	123000	Barrington, Margaret	A34665	Boggle Deluxe 5x5	Classic Board Games	34.95	37.95	30	32	-2
2	200335	Rodriguez, Karen	A23441	New York City Monopoly Game Collector's Edition	Classic Board Games	29.95	29.95	1	6	-5
3	223344	Candriller, Kathy	A23771	Mysterium	Science Fiction and Fantasy	132.99	122.99	15	45	-30
4	223344	Candriller, Kathy	A34665	Boggle Deluxe 5x5	Classic Board Games	34.95	23.95	100	110	-10
5	450137	Rodriguez, Karen	B67123	Tiny Epic Galaxies	Science Fiction and Fantasy	39.99	14.95	21	29	-8
6	651222	Martinez, Guadalupe	A34882	Perudo	Classic Board Games	10.95	11.95	16	68	-52
7	781206	Argiento, Bud	B67466	Diplomacy: Game of Negotiation, Cunning and Dec...	Office and Team Building	43.95	43.95	1	4	-3

15. Completely new query! Which customer(s) have orders that have been shipped via FedEx? List the customer's name, orderid, itemid and name of the item(s) that have been shipped FedEx. The complete result table is provided at the top of the next page:

	CustomerName	OrderID	ItemID	Description
1	Candriker, Kathy	223344	A34882	Perudo
2	Guili, Mary Anne	980001	C34122	A Game of Strategy, Negotiation and Excitement for Office Retreats
3	Guili, Mary Anne	980001	C29179	Managing Change: The Game for an Executive Retreat
4	Jones, Martin	445511	C34122	A Game of Strategy, Negotiation and Excitement for Office Retreats
5	Martinez, Guadalupe	651222	A34882	Perudo
6	Rodriguez, Karen	450137	A34665	Boggle Deluxe 5x5
7	Rodriguez, Karen	450137	B67466	Diplomacy: Game of Negotiation, Cunning and Deceit.

IS 475/675 HW#7 Time Sheet

Name: _____

Working in a Group? Yes/No _____

Date	Hours		Date	Hours

Time Estimate: _____

How many hours do you think
it will take you to finish this
assignment?

Total Time Spent = _____