

Assignment Week 11

customer

<u>customerID</u>	cname	city
77777	ABC INC	PHILADELPHIA
78954	NORTH WOODS HEALTH	NEWARK
74321	GOOD SPORT	BALTIMORE
85476	THE ALL AMERICAN	NEW YORK
95324	BOBS	NEW YORK

item

<u>itemID</u>	description	price
100870	BENCH PRESS	1000
100475	TRED MILL	3000
105472	WEIGHTS	500
103798	BIKE	895
104375	STAIR MASTER	5000

order

<u>OrderID</u>	orderDate	customerID
10000	12-Dec-2002	95324
10001	05-Jun-2003	95324
10002	12-Dec-2002	85476
10003	10-Oct-2003	78954
10004	07-Jul-2003	74321
10005	10-Oct-2003	85476
10006	15-Jan-2004	74321
10007	10-Feb-2004	85476

order_item

<u>orderID</u>	<u>itemID</u>	qty
10000	105472	1
10001	105472	4
10002	104375	1
10003	100870	2
10003	103798	1
10004	103798	1
10004	105472	2
10005	100475	1
10006	100870	1
10006	105472	1
10006	103798	1
10007	105472	1

warehouse

<u>warehouseID</u>	city
102	NEW YORK
105	NEW YORK
107	BOSTON
115	BALTIMORE
155	PHILADELPHIA

shipment

<u>orderID</u>	<u>warehouse</u> <u>ID</u>	shipDate
10000	105	16-Jan-2003
10001	115	20-Jun-2003
10002	155	10-Jan-2003
10003	102	27-Oct-2003
10004	107	22-Jul-2003
10005	115	24-Oct-2003
10006	107	04-Feb-2004
10007	115	

Basic Queries for this week

1. Find the orderID and shipDate for all orders shipped from Warehouse number 115.
2. List the orderID for orders that were shipped from all warehouses that the company has in New York.
3. Produce a listing: custName, No_of_orders, avg_order_amt, where the middle column is the total number of orders for the customer and the last column is the average order amount for that customer. HINT: Use column aliases to get the column headings listed above to display for the output. Also, this requires two aggregate functions to be listed in the SELECT clause.
4. List the orders that were shipped between January 2003 and December 2003.
5. Find the customerID, customer name, orderID and total value of the order for those orders that have not been shipped. HINT: Orders that have not been shipped have a NULL value for the shipDate.
6. Update the shipDate for orderID 10007 to today's date.
7. List the names of the customers in descending order.