2012 #6

a. Update the Orderdate attribute of the ORDERS tuple with OrderNum= ‘21610’ to ‘4/1/2012’

update ORDERS

set OrderDate = ‘ 4/1/2012’

where OrderNum=’21610’

b. List the number, name, and complete address of every customer located on a street that contains the letters Oxford

SELECT CustomerNum, CustomerName, Zip, City, Street

FROM CUSTOMER

WHERE street LIKE‘%Oxford%’

c. Find the number of customers who are represented by the sales rep Kaiser Valerie and the total balance of the customers

SELECT COUNT(\*) as CustomersNumber, SUM(c.Blance) as TotalBlance

FROM CUSTOMER c

INNER JOIN REP r ON c.RepNum = r.RepNum

WHERE r.LastName=’Kaiser’ AND r.FirstName=’Valerie’

d. List the order number for each order that contains an order line for a part located in warehouse 3

SELECT o.OrderNum

FROM ORDERLINE o

INNER JOIN PART p ON o.PartNum=p.PartNum

WHERE p.warehouse=’3’

e. List the number and name of each customer whose credit limit is $10,000 together with the number, last name, and first name of the sales rep who represents the customer. Sort the records by customer number.

SELECT c.CostomerNum, c.CustomerName, r.RepNum, r.LastName, r.FirstName

FROM CUSTOMER c

INNER JOIN REP r ON r.RepNum=c.RepNum

WHERE c.CreditLimit=’10,000’

ORDER BY c.CustomerNum

f. For every order, list the order number, order date, customer number, and customer name. In addition, for each order line within the order, list the part number, description, number ordered and quoted price. Sort the records by order number.

SELECT o.OrderNum, o.OrderDate, o.CustomerNum, c.CustomerName, ol.PartNum, p.Description, ol.NumOrdered, ol.QuotedPrice

FROM OREDERS o

INNER JOIN CUSTOMER c ON o.CustomerNum=c.CustomerNum

INNER JOIN ORDERLINE ol ON o.OrderNum=ol.OrderNum

INNER JOIN PART p ON p.PartNum=ol.PartNum

ORDER BY o.OrderNum