-- Ex.7.1

SELECT title\_id,

title,

type,

price

FROM titles

WHERE notes IS NOT NULL

ORDER BY title\_id

-- Ex.7.2

SELECT DISTINCT stor\_id

FROM sales

WHERE ord\_date = 'Sep 14 1994'

-- Ex.7.3

SELECT (au\_fname + ' ' + au\_lname) AS Name,

'(' + SUBSTRING(phone,1,3) + ')' + SUBSTRING(phone,4,9) AS Phone,

state AS State

FROM authors

ORDER BY Name

-- Ex.7.4

SELECT title\_id AS TitleID,

SUBSTRING(title,1,30) AS Title,

advance AS Advance,

ytd\_sales AS YTDSales,

CONVERT(CHAR(12),pubdate,105) AS PubDate

FROM titles

WHERE advance >= 3000

AND (pubdate = 'Jun 9 1991' OR pubdate = 'Jun 12 1991')

ORDER BY Title

-- Ex.7.5

SELECT AVG(ytd\_sales) AS AvgYTDSales,

MIN(ytd\_sales) AS MinYTDSales,

MAX(ytd\_sales) AS MaxYTDSales

FROM titles

WHERE ytd\_sales IS NOT NULL

-- Ex.7.6

SELECT au\_id as AuthorID,

(au\_fname + ' ' + au\_lname) as Name,

phone as Phone,

city as City,

zip as Zip

FROM authors

WHERE City IN ('Oakland','San Francisco','Berkeley')

AND Zip IN ('94609', '94130','94705')

ORDER BY Name

-- Ex.7.7

SELECT \*

FROM roysched

WHERE royalty BETWEEN 15 AND 20

ORDER BY title\_id

-- Ex.7.8

SELECT emp\_id AS EmpID,

fname AS FirstName,

lname AS LastName,

job\_id AS JobID,

CONVERT(CHAR(12),hire\_date,109) AS HireDate

FROM employee

WHERE (lname LIKE 'A%' OR lname LIKE 'S%')

AND hire\_date >= 'Jan 1 1990'

ORDER BY LastName

-- Ex.7.9

SELECT stor\_id AS StoreID,

ord\_num AS OrderNumber,

CONVERT(CHAR(12),ord\_date,102) AS OrderDate,

CONVERT(CHAR(12),DATEADD(DAY,10,ord\_date),102) AS NewOrderDate

FROM sales

WHERE qty <= 15

ORDER BY StoreID

-- Ex.7.10

SELECT emp\_id AS EmpId,

(lname + ', ' + fname) AS Name,

DATEPART(YEAR,hire\_date) AS HireDate,

DATEDIFF(YEAR,hire\_date,'Jan 1 2008') AS Years

FROM employee

ORDER BY Name