-- Ex 8.1

SELECT SUBSTRING(t.title, 1, 30) AS Title,

sa.ord\_num AS OrderNumber,

CONVERT(CHAR(12), sa.ord\_date, 109) AS OrderDate,

st.stor\_name AS StoreName

FROM titles t

LEFT OUTER JOIN sales sa ON t.title\_id = sa.title\_id

LEFT OUTER JOIN stores st ON sa.stor\_id = st.stor\_id

ORDER BY sa.ord\_num

-- Ex 8.2

SELECT title\_id, title, price, pub\_id, pubdate

INTO business\_books

FROM titles

WHERE type = 'business'

-- Ex 8.3

SELECT p.pub\_name AS PublisherName,

t.type AS Type,

MIN(t.price) AS MinPrice,

SUM(s.qty) AS Qty

FROM publishers p

INNER JOIN titles t ON p.pub\_id = t.pub\_id

INNER JOIN sales s ON t.title\_id = s.title\_id

GROUP BY t.type, p.pub\_name

ORDER BY PublisherName

-- Ex 8.4

SELECT title\_id AS TitleID,

ytd\_sales AS YTDSales,

price AS Price,

CONVERT(DECIMAL(5,2),(price \* 1.15)) AS NewPrice

FROM titles

WHERE ytd\_sales < 2500

UNION

SELECT title\_id,

ytd\_sales,

price,

CONVERT(DECIMAL(5,2),(price \* 1.10))

FROM titles

WHERE ytd\_sales BETWEEN 2500 AND 10000

UNION

SELECT title\_id,

ytd\_sales,

price,

CONVERT(DECIMAL(5,2),(price \* 1.05))

FROM titles

WHERE ytd\_sales > 10000

ORDER BY title\_id

-- Ex 8.5

SELECT type AS Type,

AVG(price) AS Average,

SUM(price) AS Sum

FROM titles

WHERE price IS NOT NULL

GROUP BY type WITH ROLLUP

-- Ex 8.6

SELECT st.stor\_id AS StoreID,

st.stor\_name AS StoreName,

SUM(sa.qty \* t.price) AS Cost

FROM stores st

INNER JOIN sales sa ON st.stor\_id = sa.stor\_id

INNER JOIN titles t ON sa.title\_id = t.title\_id

GROUP BY st.stor\_id, st.stor\_name

HAVING SUM(sa.qty \* t.price) BETWEEN 500 AND 1500

ORDER BY st.stor\_id

-- Ex 8.7

SELECT sa.stor\_id AS StoreID,

SUM(sa.qty) AS Qty,

MIN(t.price) AS Min

FROM sales sa

INNER JOIN titles t ON sa.title\_id = t.title\_id

GROUP BY sa.stor\_id WITH ROLLUP

-- Ex 8.8

INSERT INTO titles

( title\_id,

title,

type,

pub\_id,

price,

pubdate

)

VALUES

( 'ZZ1234',

'Microsoft SQL Server',

'computer',

'0877',

89.99,

'Sep 29 2008'

)

-- Ex 8.9

UPDATE titles

SET price = (price \* 1.10)

WHERE title\_id = 'ZZ1234'

-- Ex 8.10

DELETE FROM titles

WHERE title\_id = 'ZZ1234'