-- Ex. 10.1

DECLARE @lname varchar(30) = ' '

DECLARE @fname varchar(30) = ' '

SELECT @lname = lname,

@fname = fname

FROM employee

WHERE lname LIKE 'Thomas%'

IF @@ROWCOUNT > 0

BEGIN

PRINT 'Employee name is ' + @fname + ' ' + @lname

END

ELSE

BEGIN

PRINT 'Employee not found.'

END

-- Ex. 10.2

DECLARE @hire\_date1 datetime

DECLARE @hire\_date2 datetime

SET @hire\_date1 = 'Jan 1 1989'

SET @hire\_date2 = 'Dec 31 1990'

SELECT e.emp\_id AS EmployeeID,

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

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

e.job\_id AS JobID,

j.job\_desc AS Description

FROM employee e

INNER JOIN jobs j ON e.job\_id = j.job\_id

WHERE e.hire\_date BETWEEN @hire\_date1 AND @hire\_date2

ORDER BY Name

-- Ex. 10.3

CREATE PROCEDURE author\_info

( @au\_id varchar(11),

@title\_id varchar(6),

@last\_name varchar(40) OUTPUT,

@first\_name varchar(20) OUTPUT,

@royaltyper int OUTPUT )

AS

SELECT @last\_name = a.au\_lname,

@first\_name = a.au\_fname,

@royaltyper = ta.royaltyper

FROM authors a

INNER JOIN titleauthor ta ON a.au\_id = ta.au\_id

WHERE a.au\_id = @au\_id

AND ta.title\_id = @title\_id

GO

-- Ex. 10.4

DECLARE @last\_name varchar(40)

DECLARE @first\_name varchar(40)

DECLARE @royaltyper int

EXEC author\_info '672-71-3249', 'TC7777',

@last\_name OUTPUT,

@first\_name OUTPUT,

@royaltyper OUTPUT

PRINT 'Author: ' + @first\_name + ' ' + @last\_name

PRINT 'Royalty: ' + CONVERT(char(20),@royaltyper)

-- Ex. 10.5

CREATE PROCEDURE store\_info

( @price money )

AS

SELECT s.stor\_id AS StoreID,

st.stor\_name AS Name,

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

t.title\_id AS TitleID,

t.price AS Price,

t.advance AS Advance

FROM sales s

INNER JOIN stores st ON s.stor\_id = st.stor\_id

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

WHERE t.price >= @price

ORDER BY s.stor\_id

GO

-- Ex. 10.6

EXEC store\_info 15.00

-- Ex. 10.7a

CREATE TRIGGER tr\_insert\_ytd

ON sales

FOR INSERT

AS

DECLARE @qty smallint

DECLARE @title\_id varchar(6)

SELECT @qty = qty,

@title\_id = title\_id

FROM inserted

UPDATE titles

SET ytd\_sales = (ytd\_sales + @qty)

WHERE title\_id = @title\_id

GO

-- Ex. 10.7b

INSERT INTO sales

VALUES('7131', 'Q789', 'Mar 1 2007', 5, 'Net 30', 'PS7777' )

-- Ex. 10.8a

CREATE PROCEDURE pr\_author\_states

( @state char(2) = NULL )

AS

IF @state IS NULL

BEGIN

PRINT 'Enter valid state'

END

ELSE

BEGIN

SELECT au\_id AS AuthorID,

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

address AS Address,

city AS City

FROM authors

WHERE state = @state

END

GO

-- Ex. 10.8b

EXECUTE pr\_author\_states 'KS'

-- Ex. 10.9

ALTER PROCEDURE pr\_author\_states

( @state char(2) = NULL )

AS

IF @state IS NULL

BEGIN

PRINT 'Enter valid state'

END

ELSE

BEGIN

SELECT au\_id AS AuthorID,

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

address AS Address,

city AS City,

state AS State,

zip AS Zip

FROM authors

WHERE state = @state

END

GO

-- Ex. 10.10

DROP PROCEDURE pr\_author\_states