

```
-- Ex. 9.1
SELECT DISTINCT
    (a.au_lname + ', ' + a.au_fname) AS Name,
    a.address                        AS Address,
    a.city                          AS City,
    a.state                         AS State
FROM authors a
WHERE a.state = 'CA' AND
      a.au_id IN
      (SELECT ta.au_id
       FROM titleauthor ta
       WHERE ta.title_id IN
             (SELECT t.title_id
              FROM titles t
              WHERE t.type = 'popular_comp'
             )
      )
ORDER BY Name
```

```
-- Ex. 9.2
SELECT DISTINCT
    (a.au_lname + ', ' + a.au_fname) AS Name,
    a.address                        AS Address,
    a.city                          AS City,
    a.state                         AS State
FROM authors a
INNER JOIN titleauthor ta ON a.au_id = ta.au_id
INNER JOIN titles t ON ta.title_id = t.title_id
WHERE a.state = 'CA' AND
      t.type = 'popular_comp'
ORDER BY Name
```

```
-- Ex. 9.3
CREATE VIEW vw_sales_title_info
AS
SELECT s.stor_id,
       s.ord_date,
       s.qty,
       st.stor_name,
       t.title,
       t.price,
       t.advance,
       t.pubdate
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
```

```
-- Ex. 9.4
SELECT stor_id      AS StoreID,
       stor_name    AS StoreName,
       title        AS Title,
       price        AS Price
FROM vw_sales_title_info
WHERE price = 19.99
ORDER BY StoreID
```

COMP 1630 Ex9
Robert Desjardins – A01089842

```
-- Ex. 9.5
CREATE VIEW vw_insert_stores
AS
SELECT stor_id,
       stor_name,
       state
FROM stores

-- Ex. 9.6
INSERT INTO vw_insert_stores
VALUES (9999, 'Peterson Books', 'UT')

-- Ex. 9.7
SELECT au_id      AS AuthorID,
       au_lname   AS LastName,
       city       AS City,
       state      AS State,
       CASE state
         WHEN 'CA' THEN 'California'
         WHEN 'IN' THEN 'Indiana'
         WHEN 'TN' THEN 'Tennessee'
         WHEN 'UT' THEN 'Utah'
         ELSE '-'
       END        AS StateName,
       zip        AS Zip
FROM authors
WHERE zip < '94300'
ORDER BY Zip

-- Ex. 9.8
SELECT DISTINCT
       p.pub_id    AS PublisherID,
       p.pub_name  AS Name
FROM publishers p
WHERE EXISTS
  (SELECT *
   FROM titles t
   WHERE t.pub_id = p.pub_id AND
         t.type = 'business'
  )

-- Ex. 9.9
sp_helpindex employee

-- Ex. 9.10
CREATE INDEX empinx
ON employee(emp_id,hire_date)
```