```sql
--4
--traditional
SELECT c.criminal_id, c.last, c.first, c.v_status, c.p_status, a.alias
  FROM aliases a, criminals c
    WHERE a.criminal_id(+) = c.criminal_id
      ORDER BY last, first;

--ANSI
SELECT criminal_id, c.last, c.first, c.v_status, c.p_status, a.alias
  FROM aliases a RIGHT OUTER JOIN criminals c USING(criminal_id)
    ORDER BY last, first;

--5
--traditional
SELECT c.last, c.first, s.start_date, s.end_date, p.con_freq
  FROM criminals c, sentences s, prob_contact p
    WHERE c.criminal_id = s.criminal_id
    AND s.end_date - s.start_date BETWEEN p.low_amt AND p.high_amt
    AND s.type = 'P'
      ORDER BY last, first, start_date;

--ANSI
SELECT c.last, c.first, s.start_date, s.end_date, p.con_freq
  FROM criminals c JOIN sentences s USING(criminal_id)
  JOIN prob_contact p ON s.end_date - s.start_date BETWEEN p.low_amt AND p.high_amt
      ORDER BY last, first, start_date;

--6
--traditional
SELECT p.last, p.first, s.last || ' ' || s.first "Supervisor"
  FROM prob_officers p, prob_officers s
    WHERE s.prob_id = p.mgr_id
      ORDER BY p.last, p.first;

--ANSI
SELECT p.last, p.first, s.last || ' ' || s.first "Supervisor"
  FROM prob_officers p JOIN prob_officers s
    ON s.prob_id = p.mgr_id
      ORDER BY p.last, p.first;
```