1. SELECT name
   FROM students
   ORDER BY id;

2. SELECT address, phone_no
   FROM students
   WHERE name='Jane Smith';

3. SELECT name
   FROM students s
   JOIN attends a
   ON s.id=a.stu_id
   WHERE a.term='201220';

4. SELECT name
   FROM instructors i
   JOIN teaches t
   ON i.id=t.inst_id
   WHERE t.term='201220';

5. SELECT DISTINCT name, id
   FROM students JOIN attends
   ON id = stu_id
   WHERE term LIKE '2012%';

6. SELECT subject, number, name
   FROM students s JOIN attends a
   ON s.id = a.stu_id) JOIN course C
   ON C.id = crs_id
   WHERE S.name = 'Jane Smith' AND term = '201220';

7. SELECT subject, number, name
   FROM (students S JOIN attends A
   ON S.id = stu_id) JOIN course C
   ON C.id = crs_id
   WHERE S.name = 'Jane Smith' AND term LIKE '2012%';

8. SELECT name
9. SELECT name
   FROM students
   WHERE id IN (SELECT A.stu_id AS id
   FROM attends A JOIN attends B
   ON A.stu_id = id
   WHERE A.crs_id <> B.crs_id);

10. SELECT S.name, S.id
    FROM ((students S JOIN attends A ON S.id = A.stu_id)
      JOIN courses C ON A.crs_id = C.id)
      JOIN teaches T ON C.id = T.crs_ID)
      JOIN instructors I ON T.inst_ID = I.id
    WHERE I.name = 'Chuck Babbage' AND T.term = '201220' AND C.subject = 'EENG' AND C.number = '4522';

11. SELECT subject, number, term
    FROM (instructors I JOIN teaches T ON I.id = inst_id) JOIN courses C ON crs_id = C.id
    WHERE instructors.name = 'Chuck Babbage';

12. SELECT I.id, I.name
    FROM (instructors I JOIN teaches T ON I.id = inst_id) JOIN courses C ON crs_id = C.id
WHE term = '2012%' AND subject = 'CSCS'

13. SELECT students.id
   FROM students
   WHERE students.id IN (SELECT stu_id AS id
                           FROM courses JOIN attends ON id = crs_id
                           WHERE subject = 'CSCS' AND number = 1001 AND term = '201220')
   AND NOT students.id IN (SELECT stu_id AS id
                           FROM courses JOIN attends ON id = crs_id
                           WHERE subject = 'CSCS' AND number = 1000;)

14. SELECT id, name
    FROM instructors
    WHERE id IN (SELECT stu_id AS id
                  FROM attends
                  WHERE term = '201220';)

15. SELECT I.id, I.name
    FROM instructors
    WHERE id NOT IN (SELECT id
                      FROM instructors JOIN teaches ON id = inst_id
                      WHERE term LIKE '2012%';)