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

FROM students

WHERE id IN (SELECT crs_id AS id

FROM attends

WHERE term = '201220');

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

WHERE 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%';