1

-- Find out which students do 6 courses

SELECT UserID, COUNT(\*) as num\_courses

FROM enroll

GROUP BY UserID

HAVING num\_courses = 6;

--Try to insert another course

INSERT INTO enroll VALUES(‘620000012’, ‘CHEM4557’, 80);

2

-- Find out which students do 3 courses

SELECT UserID, CourseID, COUNT(\*) as num\_courses

FROM enroll

GROUP BY UserID

HAVING num\_courses = 3;

-- Try to remove one of their courses

DELETE FROM enroll

WHERE UserID = ‘620000007’ AND CourseID = ‘COMP2445’;

3

-- Find out which course has the least members

SELECT CourseID, COUNT(\*) AS num\_students

FROM enroll

GROUP BY CourseID

ORDER BY num\_students ASC LIMIT 1;

--Find out how many students that course has

SELECT COUNT(\*) AS num\_students

FROM enroll

WHERE CourseID = <CourseID>;

--Delete a number of rows that would make the number of members be less than 10

DELETE FROM enroll

WHERE CourseID = ‘COMP2140’  
LIMIT n;

4

--Find out which lecturer manages 5 courses

SELECT UserID, COUNT(\*) as num\_courses

FROM manages

GROUP BY UserID

HAVING num\_courses = 5;

--Try to add another course for them to manage

INSERT INTO manages VALUES(‘100457112 ’, ‘CHEM4557’);

5

--Try to remove courses to 0

DELETE FROM manages WHERE UserID = ‘100457112’