**Toh Yong Cheng 1000039 Lab 2**

**-- Question 1**

SELECT email FROM student;

**-- Question 2**

SELECT DISTINCT email FROM student;

**-- Question 3**

SELECT name FROM student ORDER BY name DESC;

**-- Question 4**

-- SELECT s1.name FROM student s1, student s2 WHERE s1.name = s2.name AND s1.email <> s2.email;

SELECT name FROM student GROUP BY name HAVING COUNT(\*)>1;

**-- Question 5**

SELECT DISTINCT name from student;

I am using SQLite, and it is not sorted.

**-- Question 6**

SELECT name FROM student s, copy c WHERE c.book = "978-0262033848" AND c.owner = s.email;

**-- Question 7**

SELECT name FROM student s WHERE email IN ( SELECT owner FROM copy WHERE book IN ( SELECT ISBN13 FROM book WHERE title LIKE "%Computer%" AND pages > 100));

**-- Question 8**

SELECT SUM(pages) FROM book WHERE ISBN13 IN ('978-0262033848', '978-0321295354');

**-- Question 9**

SELECT name FROM student WHERE email IN

(SELECT owner FROM copy WHERE book = "978-0262033848")

AND email IN

(SELECT owner FROM copy WHERE book <> "978-0262033848");

**-- Question 10**

SELECT name FROM student WHERE email IN (SELECT borrower FROM loan WHERE book = "978-0262033848");

**-- Question 11**

SELECT name FROM student, copy WHERE owner = email AND book = "978-0262033848" UNION

SELECT name FROM student, loan WHERE borrower = email AND loan.book = "978-0262033848";

**-- Question 12**

SELECT name FROM student

WHERE email IN (SELECT owner FROM copy WHERE book = "978-0262033848" )

OR email IN (SELECT borrower FROM loan WHERE book = "978-0262033848" );

**-- Question 13**

DELETE FROM loan;

Explanation:

There are only 4 records left after deleting the records from the loan table. Now there are no loans, both queries in Q11 and Q12 are only looking only at the records in the copy table. Therefore the answer is similar to that of Q6.