資工三 109590004 呂育瑋

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Q1(a).

UPDATE `COURSE`

SET `CreditHour` = 3

WHERE

`CourseName` = 'Database Systems' AND

`Department` = 'EECS';

Q1(b).

DELETE FROM `STUDENT`

WHERE

Name = 'Edward' AND

`StudentNumber` = '001';

Q1(c).

SELECT `CourseName`

FROM `COURSE`

WHERE

`CourseNumber` IN (

SELECT `CourseNumber`

FROM `SECTION`

WHERE

`Instructor` = 'Liu' AND

`Year` IN (2020, 2022)

);

Q1(d).

SELECT `CourseNumber`, `Semester`, `Year`, COUNT(\*) AS `Students`

FROM `SECTION`, `GRADE\_REPORT`

WHERE

`Instructor` = 'Liu' AND

`SECTION`.`SectionNumber` = `GRADE\_REPORT`.`SectionNumber`

GROUP BY `CourseNumber`, `Semester`, `Year`;

Q1(e).

Q1(f).

Q1(g).

Q1(h).

Q1(i).

Q1(j).

Q1(k).

Q1(l).