4-1

create table student (

student\_id char(9) primary key,

student\_name varchar(40) not null,

major varchar(40),

year int

);

4-2

insert into student values ('b10701234', 'Ariana Grande', 'music', 2);

4-3

update instructor

set ‘office’ = ‘220’

where employee\_name = ‘Daenerys Targaryen’p;

4-4

select employee\_name

form instructors

where department = ‘Computer Science’;

4-5

select count (‘department’)

form student

where department = ‘Computer Science’;

4-6

select department, count (‘department’)

form instructors

GROUP BY department;

4-7

select employee\_id, employee\_name

form instructors

where department = ‘Database System’

4-8

select s.student\_id as student\_id, s.student\_name as student\_name

form student as s, enroll as e

where s.student\_id = e.student\_id

4-9

delete from course

where name = "Justin Bieber"

4-10

Select student\_name , sum(credit\_hour)

From student as s, course as c, enroll as e

Where s.student\_id = e.student\_id and c. course\_id = e. course\_id and student\_name = ‘Taylor Swift’;

4-11

Select student\_id, student\_name

From student as s, enroll as e

Where s. student\_id = e.student\_id and e.emester\_year != ‘Spring 2020’;

4-12

Creat view instructor\_course as

Select employee\_name , department

Form instructor

4-13

Alter table student add email char(40);

4-14

Alter table student drop email char;

4-15

Alter table enroll add primary key (course\_id, section\_id, semeser\_year);

4-16

Alter table enroll add foreign key (student\_id) references student

4-17

Drop table ‘ enroll’

4-18

alter enroll add constraint score\_constraint check (0 < score < 100)

4-19

ALTER TABLE Customer ADD PRIMARY KEY (course\_id);

4-20

Delete from section as s

Form instructor as i

Where s.employee\_id = i.employee\_id and i.employee\_name = ‘Ariana Grande’