```sql
1-create database grades;
2-use grades;
3- create table students(student_id int primary
key,student_name varchar(100) not null, email
varchar(50),tel varchar(20));
4- create table courses , course_id int primary key,
course_name varchar(100) not null,credit_hour int );
5-create table students_courses(course_id int references
Courses(course_id), student_id int references
students(student_id), grade int , reg_date date ,primary
key (course_id,student_id));
6-Alter table students modify student_name varchar(150);
7-lter table students add unique (email);
8-select current_Time(),CURDATE(),user(),@@version;
9-alter table students add gender enum('male','female');
10-alter table students add birth_date date;
11-alter table students drop student_name;
12-alter table students add fname varchar(50);
13-alter table students add lname varchar(50);
14-insert into
students(student_id,email,tel,gender,birth_date,fname,lna
me)
Values
(1,"moomo@gmail.com","01060739171","male","1-2-
1997","momo","fawzy");
15-create table male_students
as
select * from students
where
gender ="male";
```

Part 2…..

```sql
1- select * from students;
2- select * from students where gender="male";
3- select count(*)
from students
```

```
where gender = "female";
4- select * from
Students
where birth_date < "1992-10-01";
5- select * from
Students
where birth_date < "1991-10-01" and gender="male";
7- select course_id,grade
from students_courses
order by grade;
8- select fname , lname
from students
where fname like 'A%' ;
9- select fname , count(*)
from students
group by fname;
10- select max(grade)
from students_courses;
```