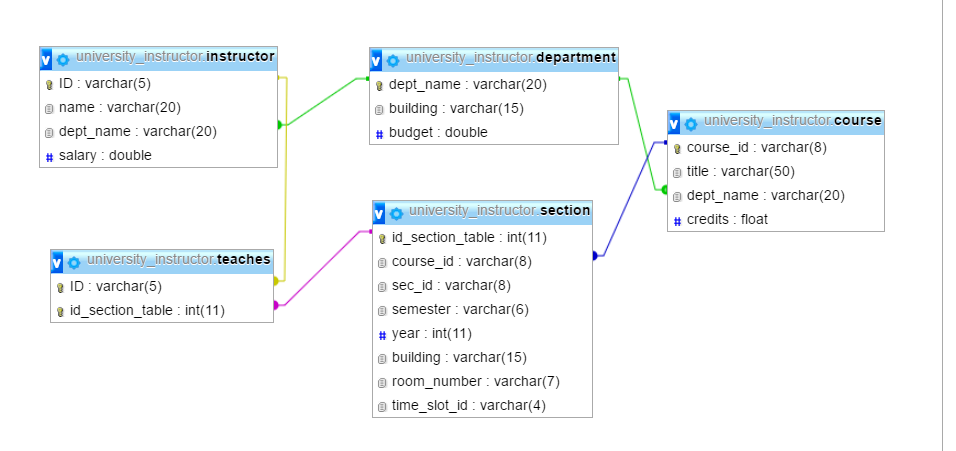
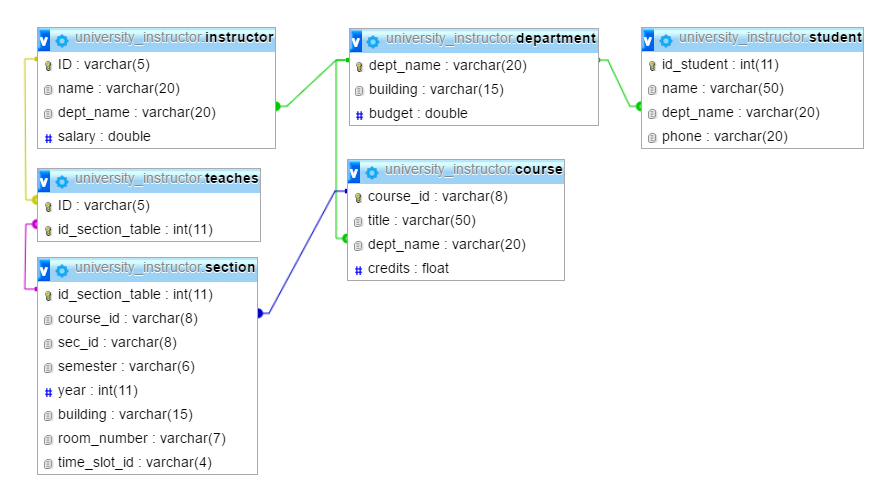
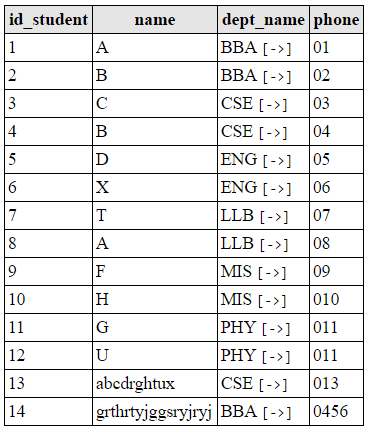
Practice Set 3



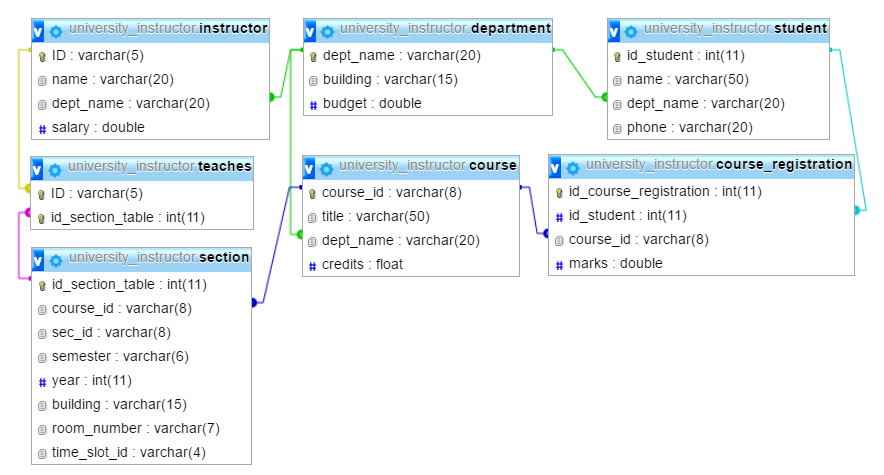
* Modify the database given above like the one given below.



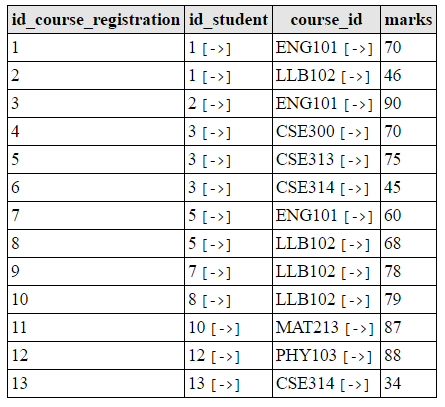
* Insert the data like the table given below.



* Modify the previous ++database like the one as below.



* Insert the data like below

t

* Find the students who have registered for the courses of CSE department.
  + Select id\_student,name from student natural join course\_registration

Where course\_id like ‘CSE%’;

* Find the courses registered by the students of CSE dept.
  + Select course\_id from course natural join course\_regisration where dept\_name=’CSE’;
* Find the total number of courses registered by each student.
  + Select count(course\_id) from course natural join course\_registration group by dept\_name;
* Find the students who have registered for more than one course.
  + Select \* from course\_registration natural join student where count(id\_course\_registration)=1;
* Find the students who haven’t registered yet.
  + Select \* from student, course\_registration not in (select \* from student natural join course\_regisration);
* Find the total marks of each student.
  + Select sum(marks) from course\_registration group by id\_student;
* Find the average marks of each student.
  + Select avg(marks) from course\_registration group by id\_student;
* Find the average marks of each student of each department.
* Find the student who has obtained the highest average marks.
  + Select max(marks) from course\_registration where marks in (select avg(marks) from course\_registration);
* Find the student’s name who has registered last.
  + Select \* from course\_registration where id\_course\_registration=max( id\_course\_registration);
* Find the total credits registered by each student.
  + Select sum(credits) from course natural join course\_registrtion group by id\_student;
* Find the students whose name has more than one letter.
  + Select name from student where not in (select name from student where name like ‘-‘);
* Find the students whose name has a “c” in the 3rd letter.
  + Select name from student where name like ‘—c%’;