

/*1. Insert every student who has never registered for any course as an instructor in the same department, with salary=40000*/

/*2. Now delete all the newly added "instructors" above (note: already existing students who happened to have salary=40000 should not get deleted)*/

/*3. Update the salary of each instructor with addition of 1120 times the credits they have taught(Note: for example, one instructor teaches some course which has 3 credit twice, then the instructor should get additional 1120*6 dollars, besides his original salary)*/ (提示:可以使用 with 语句先计算出老师教课的学分)

/*4. Grades are mapped to a grade point as follows: A:10, A+:10.5, A-:9.5, B+ 8.5, B:8, B-:7.5, C+:6.5, C:6, C-:5.5, D+:4.5, D:4, D-:3.5 and F:0. Write a query to find the average grade point of each student. Make sure students who have not got a non-null grade in any course are displayed with an average grade point of null. Information displayed should involve:

Identifier of student

Name of student

Count of course registered by the student

Average grade point*/

(提示:1. 在 select 中可以使用 case 语句;2. 参照表的外连接)

/*5. Find all rooms that have been assigned to more than one section at the same time. Display the rooms along with the assigned sections; I suggest you use a with clause or a view to simplify this query.*/

(提示:from 中的子查询, 也可以用 with 语句代替 from 中的子查询)