```sql
create table student(
    stud_id int primary key,
    deptnm varchar(50),
    sem int,
    name varchar(50),
    yr int,
    credits int
    );

create table teaches(
    teacher_id int primary key,
    teacher_name varchar(100),
    salary decimal(10,2),
    deptnm varchar(50)
    );

insert into student(stud_id,deptnm,sem,name,yr,credits)
values(1, 'comp', 3, 'Alice Johnson', 2023, 15);

insert into student(stud_id,deptnm,sem,name,yr,credits)
values(2, 'IT', 2, 'Bob Smith', 2024, 12);

insert into student(stud_id,deptnm,sem,name,yr,credits)
values(3, 'comp', 4, 'Carol Davis', 2022,18);

select * from student;

insert into teaches(teacher_id, teacher_name, salary, deptnm)
values(101, 'Dr. Sarah Lee', 3000.00, 'comp');

insert into teaches(teacher_id, teacher_name, salary, deptnm)
values(102, 'Prof. Mark Brown', 2500.00, 'IT');

insert into teaches(teacher_id, teacher_name, salary, deptnm)
values(103, 'Dr. Emily Clark', 1900.00, 'math');

insert into teaches(teacher_id, teacher_name, salary, deptnm)
values(104, 'Dr. Aditi', 2900.00, 'comp');
```

```sql
select * from teaches;


update student
set deptnm='IT'
where deptnm='comp';


select * from student;


select deptnm,salary
from teaches
where salary=(select max(salary) from teaches);


select deptnm, avg(salary) as avg_salary
from teaches
group by deptnm;


delete from teaches
where salary<2000;


select deptnm, sum(salary) as total_salary
from teaches
group by deptnm;
```