-- Active: 1696253904272@@127.0.0.1@3306

CREATE DATABASE work;

    use work;

    create table teacher (DID varchar(12) primary key,FName varchar(12) NOT NULL, LName varchar(12) NOT NULL, salary int, speciality\_code varchar(12),DeptNo varchar(12));

    create table SPECIALITY (Speciality\_Code varchar(12) primary key, Name varchar(12) NOT NULL unique);

    create table DEPARTMENT( DeptNo varchar(12) primary key, Name varchar(12) Unique);

    insert into teacher values('A01','HENRY','WALUSIMBI',1000000, 'B01','D01');

    insert into teacher values('A02','PUSSY','NSIMBI',1000000, 'B02','D01');

    insert into teacher values('A03','NANSY','NANYOMBI',1000000, 'B03','D01');

    DESC TEACHER;

    insert into speciality values('S01','IT');

    insert into speciality values('S02','DIT');

    insert into speciality values('S03','CS');

    insert into department values('DD1','COMPT DEPT');

    insert into department values('DD2','LAW DEPT');

    insert into department values('DD3','ART DEPT');

    SELECT \* FROM TEACHER;

    SELECT \* FROM DEPARTMENT;

    SELECT \* FROM SPECIALITY;

    alter table department add column (section varchar(12));

    desc teacher;

    update department set section='1' where name='compt dept';

     update department set section='2' where name='law dept';

      update department set section='3' where name='art dept';

       update teacher set fname='surname';

       update teacher set surname='kisitu' where surname='henry';

       update teacher set fname='hary' where fname='surname';

       alter table teacher rename column fname to Surname;

       update teacher set surname='lumansi' where DID='A02';

       update teacher set surname='SSEKISONGE' where DID='A03';

        desc teacher;

        update teacher set surname='ssekisonge' where surname='henry';

        update teacher set salary = salary + (salary \* 0.15);

        update teacher set salary = 450000 where DID ='A01';

        update teacher set salary = 250000 where DID ='A02';

        update teacher set salary = 600000 where DID ='A03';

        select \* from teacher;

        update teacher set salary = salary + (salary \* 0.15);

        select \* from teacher where salary between 400000 and 800000;

        select \* from department;

        select name, section from department where DeptNo ='DD1';

         select name, section from department where DeptNo ='DD2';