CREATE TABLE STUDENT(

Regid INTEGER NOT NULL PRIMARY KEY,

NAME VARCHAR(20),

DOB DATE,

Deptid INT NOT NULL,

Address VARCHAR(80),

FOREIGN KEY(Deptid) REFERENCES DEPARTMENT(Deptid)

);

CREATE TABLE DEPARTMENT(

Deptid INTEGER NOT NULL PRIMARY KEY,

Dept\_Name VARCHAR(20)

);

CREATE TABLE LECTURERS(

Lid INT NOT NULL PRIMARY KEY,

LName VARCHAR(20),

Deptid INT NOT NULL,

FOREIGN KEY(Deptid) REFERENCES DEPARTMENT(Deptid)

);

CREATE TABLE SBJ(

Sid INTEGER NOT NULL PRIMARY KEY,

SBJ\_Name VARCHAR(20),

Lid INT NOT NULL,

FOREIGN KEY(Lid) REFERENCES LECTURERS(Lid)

);

CREATE TABLE FEE(

Fid INTEGER NOT NULL PRIMARY KEY,

Regid INT NOT NULL,

FOREIGN KEY(Regid) REFERENCES STUDENT(Regid),

Fee INT

);

INSERT INTO STUDENT values(20,"Alex",'12-08-1996',1,"Idukki");

INSERT INTO STUDENT values(21,"Bibin",'14-03-1998',1,"Ernakulam");

INSERT INTO STUDENT values(22,"Anet",'29-05-1998',2,"Kottayam");

INSERT INTO STUDENT values(23,"Ajay",'21-9-1997',3,"Ernakulam");

INSERT INTO STUDENT values(24,"Alan",21,1,"Idukki");

INSERT INTO STUDENT values(25,"Adorn",'15-6-1997',3,"Alappuza");

INSERT INTO STUDENT values(26,"Don",'8-8-1991',1,"Idukki");

INSERT INTO STUDENT values(27,"Abhijith",'29-02-1995',1,"Kannoor");

INSERT INTO STUDENT values(28,"Jomin",'13-3-1998',2,"Trivandrum");

INSERT INTO STUDENT values(29,"Debin",'1-04-1999',1,"Kottayam");

INSERT INTO STUDENT values(30,"Sachin",'18-7-1993',3,"Idukki");

INSERT INTO DEPARTMENT values(1,"SCIENCE");

INSERT INTO DEPARTMENT values(2,"COMMERCE");

INSERT INTO DEPARTMENT values(3,"HUMANITIES");

INSERT INTO FEE values(112,9000,20);

INSERT INTO FEE values(113,9000,21);

INSERT INTO FEE values(114,6500,22);

INSERT INTO FEE values(115,5000,23);

INSERT INTO FEE values(116,9500,24);

INSERT INTO FEE values(117,9000,25);

INSERT INTO FEE values(118,8000,26);

INSERT INTO FEE values(119,6500,27);

INSERT INTO FEE values(120,7000,28);

INSERT INTO FEE values(121,7500,29);

INSERT INTO FEE values(122,6000,30);

INSERT INTO LECTURERS values(561,"Rajesh",1);

INSERT INTO LECTURERS values(562,"akhil",2);

INSERT INTO LECTURERS values(563,"Amal",3);

INSERT INTO LECTURERS values(564,"Bibin",1);

INSERT INTO LECTURERS values(565,"Alex",2);

INSERT INTO LECTURERS values(566,"Sumith",1);

INSERT INTO SBJ values(144,"Maths",562);

INSERT INTO SBJ values(147,"Biology",561);

INSERT INTO SBJ values(148,"Accountancy",563);

INSERT INTO SBJ values(149,"Econmics",564);

INSERT INTO SBJ values(150,"History",565);

INSERT INTO SBJ values(151,"Philosophy",566);

CREATE TABLE `training`.`employee`(

`idEmployee` INT NOT NULL,

`Fname` VARCHAR(45),

`Lname` VARCHAR(45),

`Deptid` INT NULL,

`SVid` INT NULL,

PRIMARY KEY(`idEmployee`),

FOREIGN KEY(`Deptid`) REFERENCES dpt(Deptid),

FOREIGN KEY(`SVid`) REFERENCES sv(SVid)

);

CREATE TABLE DPT(Deptid INT NOT NULL PRIMARY KEY,DeptName VARCHAR(20));

CREATE TABLE SV(SVid INT NOT NULL PRIMARY KEY,SVName VARCHAR(20),Deptid INT,FOREIGN KEY(Deptid)REFERENCES dpt(Deptid));

INSERT INTO DPT VALUES(301,"General");

INSERT INTO DPT VALUES(302,"Marketing");

INSERT INTO DPT VALUES(303,"Operations");

INSERT INTO DPT VALUES(304,"Finance");

INSERT INTO DPT VALUES(305,"Sales");

INSERT INTO DPT VALUES(306,"Sales");

INSERT INTO DPT VALUES(307,"HR");

INSERT INTO DPT VALUES(308,"Purchaset");

USE training;

-- INSERT INTO DPT VALUES(301,"General");

-- INSERT INTO DPT VALUES(302,"Marketing");

-- INSERT INTO DPT VALUES(303,"Operations");

-- INSERT INTO DPT VALUES(304,"Finance");

-- INSERT INTO DPT VALUES(305,"Sales");

-- INSERT INTO DPT VALUES(306,"Sales");

-- INSERT INTO DPT VALUES(307,"HR");

-- INSERT INTO DPT VALUES(308,"Purchaset");

-- --------------------------------------------------

-- INSERT INTO SV VALUES(161,"Ashok P",302);

-- INSERT INTO SV VALUES(162,"Abin Paul",302);

-- INSERT INTO SV VALUES(163,"Shreya Madhupal",303);

-- INSERT INTO SV VALUES(164,"Christina Varghese",304);

-- INSERT INTO SV VALUES(165,"Anas K.P",305);

-- INSERT INTO SV VALUES(166,"Shinto Sunny",301);

-- INSERT INTO SV VALUES(167,"Binil S",305);

-- INSERT INTO SV VALUES(168,"Aneesh Kumar",308);

-- ------------------------------------------------------

-- ALTER TABLE EMPLOYEE ADD COLUMN Location VARCHAR(45) AFTER Deptid

-- ALTER TABLE EMPLOYEE CHANGE Location Location VARCHAR(80);

-- -------------------------------------------------------------------------

-- UPDATE FEE SET Fee = 9000 WHERE Regid = 28;

-- --------------------------------------------------

-- DELETE FROM STUDENT WHERE Regid=26;

-- --------------------------------------------------

-- SELECT S.SBJ\_Name,l.LName FROM SBJ S,lecturers l WHere s.Lid=l.Lid;