#create database database\_project

use database\_project;

#Department Table

CREATE TABLE DEPT (

DEPTNO INT PRIMARY KEY,

DNAME VARCHAR(255),

LOC VARCHAR(255)

);

#Employee Table

CREATE TABLE EMP (

EMPNO INT PRIMARY KEY,

ENAME VARCHAR(255),

JOB VARCHAR(255),

MGR INT,

SAL DECIMAL(10, 2),

COMM DECIMAL(10, 2),

DEPTNO INT,

FOREIGN KEY (DEPTNO) REFERENCES DEPT(DEPTNO)

);

#Parts Table

CREATE TABLE PART (

PARTNO INT PRIMARY KEY,

PNAME VARCHAR(255),

PSTATUS VARCHAR(255)

);

#Usagee Table

CREATE TABLE USAGEE (

FOREIGN KEY (DEPTNO) REFERENCES DEPT(DEPTNO),

FOREIGN KEY (PARTNO) REFERENCES PART(PARTNO)

);

#Supplier Table

CREATE TABLE SUPPLIER (

SUPPLIERNO INT PRIMARY KEY,

SNAME VARCHAR(255)

);

#Supply Table

CREATE TABLE SUPPLY (

FOREIGN KEY (SUPPLIERNO) REFERENCES SUPPLIER(SUPPLIERNO),

FOREIGN KEY (PARTNO) REFERENCES PART(PARTNO)

);

CREATE TABLE Customer (

cid INT PRIMARY KEY,

name VARCHAR(255)

);

CREATE TABLE Branch (

bid INT PRIMARY KEY,

distract VARCHAR(255)

);

drop table Account

CREATE TABLE Account (

cid INT,

bid INT,

FOREIGN KEY (cid) REFERENCES Customer(cid),

FOREIGN KEY (bid) REFERENCES Branch(bid)

);

insert into Customer

values

(1, "John Smith"),

(2, "Emily Johnson"),

(3, "David Brown"),

(4, "Sarah Davis"),

(5, "Michael Wilson");

insert into Branch

values

(1, "Rabigh"),

(2, "Rabigh"),

(3, "Rabigh"),

(4, "Makkah"),

(5, "Madinah");

insert into Account

values

(1, 1),

(1, 2),

(2, 1),

(2, 2),

(2, 3),

(3, 4),

(4, 5),

(5, 1),

(5, 2);

-- SELECT Customer.name

-- FROM Customer

-- WHERE NOT EXISTS (

-- SELECT \*

-- FROM Branch

-- WHERE Branch.distract = 'Rabigh '

-- AND NOT EXISTS (

-- SELECT \*

-- FROM Account

-- WHERE Account.cid = Customer.cid

-- AND Account.bid = Branch.bid

-- )

-- );