CREATE TABLE area

(

areaId NUMERIC(3),

areaName VARCHAR(20),

PRIMARY KEY (areaId)

);

CREATE TABLE city

(

CityName VARCHAR(20),

areaId NUMERIC(3),

PRIMARY KEY (CityName),

FOREIGN KEY (areaId) REFERENCES area(areaId)

);

CREATE TABLE agent

(

agentID NUMERIC(9),

Rating NUMERIC(2),

HireYear NUMERIC(4),

AgentName VARCHAR(20),

BossID NUMERIC(9),

Salary FLOAT,

areaId NUMERIC(3),

PRIMARY KEY (agentID),

FOREIGN KEY (areaId) REFERENCES area(areaId)

);

CREATE TABLE client

(

clientID NUMERIC(9),

clientName VARCHAR(20),

phoneNr VARCHAR(10),

Address VARCHAR(25),

agentID NUMERIC(9),

CityName VARCHAR(20),

PRIMARY KEY (clientID),

FOREIGN KEY (agentID) REFERENCES agent(agentID),

FOREIGN KEY (CityName) REFERENCES city(CityName)

);

CREATE TABLE schedule

(

meetingTime DATE,

clientID NUMERIC(9),

agentID NUMERIC(9),

PRIMARY KEY (meetingTime, clientID, agentID),

FOREIGN KEY (clientID) REFERENCES client(clientID),

FOREIGN KEY (agentID) REFERENCES agent(agentID)

);