DROP TABLE [CPDelicacy.Accept];

DROP TABLE [CPDelicacy.Review];

DROP TABLE [CPDelicacy.Register];

DROP TABLE [CPDelicacy.Offer];

DROP TABLE [CPDelicacy.App];

DROP TABLE [CPDelicacy.Customer];

DROP TABLE [CPDelicacy.Payment];

DROP TABLE [CPDelicacy.Cuisine];

DROP TABLE [CPDelicacy.Restaurant];

CREATE TABLE [CPDelicacy.Restaurant] (

restId CHAR (6) NOT NULL,

restName VARCHAR (40),

street VARCHAR (40),

district VARCHAR (30),

restAvgPrice VARCHAR (10),

restParking VARCHAR (3),

restOpenHour VARCHAR (30),

restClosingDay VARCHAR (20),

restVeggie VARCHAR (3),

restDeliver VARCHAR (3),

restPhone CHAR (10),

CONSTRAINT pk\_Restaurant\_restId PRIMARY KEY (restId) );

CREATE TABLE [CPDelicacy.Cuisine] (

cuiId CHAR (6) NOT NULL,

cuiName VARCHAR (20),

CONSTRAINT pk\_Cuisine\_cuiId PRIMARY KEY (cuiId) );

CREATE TABLE [CPDelicacy.Payment] (

payId CHAR (5) NOT NULL,

payName VARCHAR (20),

CONSTRAINT pk\_CPDelicacy\_payId PRIMARY KEY (payId) );

CREATE TABLE [CPDelicacy.Customer] (

cstId CHAR (4) NOT NULL,

cstName VARCHAR (20),

CONSTRAINT pk\_Editor\_cstId PRIMARY KEY (cstId) );

CREATE TABLE [CPDelicacy.App] (

appId CHAR (5) NOT NULL,

appName VARCHAR (20),

CONSTRAINT pk\_App\_appId PRIMARY KEY (appId));

CREATE TABLE [CPDelicacy.Offer] (

restId CHAR (6) NOT NULL,

cuiId CHAR (6) NOT NULL,

CONSTRAINT pk\_Offer\_restId\_cuiId PRIMARY KEY (restId, cuiId),

CONSTRAINT fk\_Offer\_restId FOREIGN KEY (restId)

REFERENCES [CPDelicacy.Restaurant] (restId)

ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT fk\_Offer\_cuiId FOREIGN KEY (cuiId)

REFERENCES [CPDelicacy.Cuisine] (cuiId)

ON DELETE CASCADE ON UPDATE CASCADE );

CREATE TABLE [CPDelicacy.Register] (

restId CHAR (6) NOT NULL,

appId CHAR (5) NOT NULL,

CONSTRAINT pk\_Register\_restId\_appId PRIMARY KEY (restId, appId),

CONSTRAINT fk\_Register\_restId FOREIGN KEY (restId)

REFERENCES [CPDelicacy.Restaurant] (restId)

ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT fk\_Register\_appId FOREIGN KEY (appId)

REFERENCES [CPDelicacy.App] (appId)

ON DELETE CASCADE ON UPDATE CASCADE );

CREATE TABLE [CPDelicacy.Review] (

restId CHAR (6) NOT NULL,

appId CHAR (5) NOT NULL,

cstId CHAR (4) NOT NULL,

rvwDate DATE,

rvwRate CHAR (3),

rvwComments VARCHAR (1000),

CONSTRAINT pk\_Review\_restId\_appId\_cstId PRIMARY KEY (restId, appId, cstId),

CONSTRAINT fk\_Review\_restId FOREIGN KEY (restId)

REFERENCES [CPDelicacy.Restaurant] (restId)

ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT fk\_Review\_appId FOREIGN KEY (appId)

REFERENCES [CPDelicacy.App] (appId)

ON DELETE NO ACTION ON UPDATE NO ACTION,

CONSTRAINT fk\_Review\_cstId FOREIGN KEY (cstId)

REFERENCES [CPDelicacy.Customer] (cstId)

ON DELETE NO ACTION ON UPDATE NO ACTION);

CREATE TABLE [CPDelicacy.Accept] (

restId CHAR (6) NOT NULL,

payId CHAR (5) NOT NULL,

CONSTRAINT pk\_Accept\_restId\_payId PRIMARY KEY (restId, payId),

CONSTRAINT fk\_Accept\_restId FOREIGN KEY (restId)

REFERENCES [CPDelicacy.Restaurant] (restId)

ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT fk\_Accept\_payId FOREIGN KEY (payId)

REFERENCES [CPDelicacy.Payment] (payId)

ON DELETE CASCADE ON UPDATE CASCADE );