

USE BUDT703\_Project\_0506\_10

```
DROP TABLE IF EXISTS [Reviews.Review]
DROP TABLE IF EXISTS [Reviews.Set]
DROP TABLE IF EXISTS [Reviews.Website]
DROP TABLE IF EXISTS [Reviews.Dish]
DROP TABLE IF EXISTS [Reviews.Cuisine]
DROP TABLE IF EXISTS [Reviews.Customer]
DROP TABLE IF EXISTS [Reviews.Restaurant]
```

```
CREATE TABLE [Reviews.Customer](
    cusId CHAR(4) NOT NULL,
    cusFName VARCHAR(20),
    cusLName VARCHAR(20),
    CONSTRAINT pk_Customer_cusId PRIMARY KEY(cusId))
```

```
CREATE TABLE [Reviews.Restaurant](
    rstId CHAR(4) NOT NULL,
    rstName VARCHAR(50),
    rstStreet VARCHAR(50),
    rstCity VARCHAR(50),
    rstState CHAR(2),
    rstZip CHAR(5),
    rstOpenHours VARCHAR(30),
    CONSTRAINT pk_Restaurant_rstId PRIMARY KEY(rstId))
```

```
CREATE TABLE [Reviews.Cuisine](
    csId CHAR(5) NOT NULL,
    csName VARCHAR(20)
    CONSTRAINT pk_Cuisine_csId PRIMARY KEY(csId))
```

```
CREATE TABLE [Reviews.Dish] (
    dshId CHAR(4) NOT NULL,
    dshName VARCHAR(50),
    dshPrice DECIMAL(7,2),
    csId CHAR(5) NOT NULL,
    CONSTRAINT pk_Dish_dshId PRIMARY KEY (dshId),
    CONSTRAINT fk_Dish_csId FOREIGN KEY (csId)
        REFERENCES [Reviews.Cuisine] (csId)
        ON DELETE NO ACTION ON UPDATE NO ACTION)
```

```
CREATE TABLE [Reviews.Website] (
    wbsId CHAR(4) NOT NULL,
    wbsName VARCHAR(20),
    CONSTRAINT pk_Website_wbsId PRIMARY KEY (wbsId))
```

```
CREATE TABLE [Reviews.Set] (
    rstId CHAR(4) NOT NULL,
    csId CHAR(5) NOT NULL,
    CONSTRAINT pk_Set_rstId_csId PRIMARY KEY (rstId,csId),
    CONSTRAINT fk_Set_rstId FOREIGN KEY (rstId)
        REFERENCES [Reviews.Restaurant] (rstId)
        ON DELETE CASCADE ON UPDATE CASCADE,
    CONSTRAINT fk_Set_csId FOREIGN KEY (csId)
        REFERENCES [Reviews.Cuisine] (csId)
        ON DELETE NO ACTION ON UPDATE NO ACTION )
```

```
CREATE TABLE [Reviews.Review] (
    rstId CHAR(4) NOT NULL,
```

```
wbsId CHAR(4) NOT NULL,  
cusId CHAR(4) NOT NULL,  
ratingScore NUMERIC,  
CONSTRAINT pk_Review_rstId_wbsId_cusId PRIMARY KEY (rstId,wbsId,cusId),  
CONSTRAINT fk_Review_rstId FOREIGN KEY (rstId)  
    REFERENCES [Reviews.Restaurant] (rstId)  
    ON DELETE NO ACTION ON UPDATE NO ACTION,  
CONSTRAINT fk_Review_wbsId FOREIGN KEY (wbsId)  
    REFERENCES [Reviews.Website] (wbsId)  
    ON DELETE NO ACTION ON UPDATE NO ACTION,  
CONSTRAINT fk_Review_cusId FOREIGN KEY (cusId)  
    REFERENCES [Reviews.Customer] (cusId)  
    ON DELETE NO ACTION ON UPDATE NO ACTION)
```