CREATE TABLE Customer

( CustNo CHAR(8),

CustFirstName VARCHAR(20) NOT NULL,

CustLastName VARCHAR(30) NOT NULL,

CustStreet VARCHAR(50),

CustCity VARCHAR(30),

CustState CHAR(2),

CustZip CHAR(10),

CustBal DECIMAL(12,2) DEFAULT 0,

CONSTRAINT PKCustomer PRIMARY KEY (CustNo) );

-------------------- Employee --------------------------------

CREATE TABLE Employee

( EmpNo CHAR(8),

EmpFirstName VARCHAR(20) NOT NULL,

EmpLastName VARCHAR(30) NOT NULL,

EmpPhone CHAR(15),

EmpEMail VARCHAR(50) NOT NULL,

SupEmpNo CHAR(8),

EmpCommRate DECIMAL(3,3),

CONSTRAINT PKEmployee PRIMARY KEY (EmpNo),

CONSTRAINT UniqueEMail UNIQUE (EmpEMail),

CONSTRAINT FKSupEmpNo FOREIGN KEY (SupEmpNo) REFERENCES Employee (EmpNo));

-------------------- Product --------------------------------

CREATE TABLE Product

( ProdNo CHAR(8),

ProdName VARCHAR(50) NOT NULL,

ProdMfg VARCHAR(20) NOT NULL,

ProdQOH INTEGER,

ProdPrice DECIMAL(12,2),

ProdNextShipDate DATE,

CONSTRAINT PKProduct PRIMARY KEY (ProdNo) );

-------------------- OrderTbl --------------------------------

CREATE TABLE OrderTbl

( OrdNo CHAR(8),

OrdDate DATE NOT NULL,

CustNo CHAR(8) NOT NULL,

EmpNo CHAR(8),

OrdName VARCHAR(50),

OrdStreet VARCHAR(50),

OrdCity VARCHAR(30),

OrdState CHAR(2),

OrdZip CHAR(10),

CONSTRAINT PKOrderTbl PRIMARY KEY (OrdNo),

CONSTRAINT FKCustNo FOREIGN KEY (CustNo) REFERENCES Customer (CustNo),

CONSTRAINT FKEmpNo FOREIGN KEY (EmpNo) REFERENCES Employee (EmpNo) );

-------------------- OrdLine --------------------------------

CREATE TABLE OrdLine

( OrdNo CHAR(8),

ProdNo CHAR(8),

Qty INTEGER DEFAULT 1,

CONSTRAINT PKOrdLine PRIMARY KEY (OrdNo, ProdNo),

CONSTRAINT FKOrdNo FOREIGN KEY (OrdNo) REFERENCES OrderTbl (OrdNo)

ON DELETE CASCADE,

CONSTRAINT FKProdNo FOREIGN KEY (ProdNo) REFERENCES Product (ProdNo) );