-- 1. customers

CREATE TABLE

customers (

customerID VARCHAR(5) PRIMARY KEY,

companyName VARCHAR(100) NOT NULL,

contactName VARCHAR(50),

contactTitle VARCHAR(50),

city VARCHAR(50),

country VARCHAR(50)

);

-- 2. employees table

CREATE TABLE

employees (

employeeID SERIAL PRIMARY KEY,

employeeName VARCHAR(50) NOT NULL,

title VARCHAR(50),

city VARCHAR(50),

country VARCHAR(50),

reports\_to INTEGER,

CONSTRAINT fk\_employees\_reportsto FOREIGN KEY (reportsto) REFERENCES public.employees (employeeid)

);

-- 3. shippers

CREATE TABLE

shippers (

shipperID SERIAL PRIMARY KEY,

companyName VARCHAR(50) NOT NULL

);

-- 4. categories

CREATE TABLE

categories (

categoryID SERIAL PRIMARY KEY,

categoryName VARCHAR(50) NOT NULL,

description VARCHAR(100)

);

-- 5. products

CREATE TABLE

products (

product\_id SERIAL PRIMARY KEY,

productName VARCHAR(100) NOT NULL,

quantity\_per\_unit VARCHAR(50),

unit\_price INTEGER,

discontinued INTEGER,

categoryID INTEGER NOT NULL,

CONSTRAINT fk\_products\_categories FOREIGN KEY (categoryID) REFERENCES categories (categoryID)

);

-- 6. orders

CREATE TABLE

orders (

orderID SERIAL PRIMARY KEY,

customerID VARCHAR(5) NOT NULL,

employeeID INTEGER NOT NULL,

orderDate DATE NOT NULL,

requiredDate DATE NOT NULL,

shippedDate DATE,

shipperID INTEGER,

freight REAL,

CONSTRAINT fk\_orders\_customers FOREIGN KEY (customerID) REFERENCES customers (customerID),

CONSTRAINT fk\_orders\_employees FOREIGN KEY (employeeID) REFERENCES employees (employeeID),

CONSTRAINT fk\_orders\_shippers FOREIGN KEY (shipperID) REFERENCES shippers (shipperID)

);

-- 7. order\_details

CREATE TABLE

order\_details (

orderID INTEGER NOT NULL,

productID INTEGER NOT NULL,

unit\_price REAL NOT NULL,

quantity INTEGER NOT NULL,

discount REAL NOT NULL DEFAULT 0,

CONSTRAINT fk\_od\_orders FOREIGN KEY (orderID) REFERENCES orders (orderID) CONSTRAINT fk\_od\_products FOREIGN KEY (productID) REFERENCES products (productID)

);