CREATE TABLE "Product" (  
        "ProductID"     INTEGER NOT NULL,  
        "Name"  TEXT NOT NULL,  
        "Price" NUMERIC,  
        "TaxRate"       NUMERIC,  
        "Quantity"      NUMERIC,  
        "Vendor"        TEXT,  
        "Description"   TEXT,  
        PRIMARY KEY("ProductID")  
);  
  
CREATE TABLE "Customer" (  
        "CustomerID"    INTEGER NOT NULL,  
        "Name"  TEXT NOT NULL,  
        "Address"       TEXT,  
        "Phone" TEXT,  
        "PaymentInfo"   TEXT,  
        PRIMARY KEY("CustomerID")  
);  
  
CREATE TABLE "Purchase" (  
        "PurchaseID"    INTEGER NOT NULL,  
        "ProductID"     INTEGER NOT NULL,  
        "CustomerID"    INTEGER NOT NULL,  
        "Quantity"      NUMERIC NOT NULL,  
        "Cost"  NUMERIC NOT NULL,  
        "TaxCost"       NUMERIC NOT NULL,  
        "TotalCost"     NUMERIC NOT NULL,  
        "DateOf"        TEXT NOT NULL,  
        FOREIGN KEY("CustomerID") REFERENCES "Customer"("CustomerID"),  
        PRIMARY KEY("PurchaseID"),  
        FOREIGN KEY("ProductID") REFERENCES "Product"("ProductID")  
);

CREATE TABLE "User" (  
        "UserName"      TEXT NOT NULL,  
        "Password"      TEXT NOT NULL,  
        "UserType"      INTEGER NOT NULL,  
        "FullName"      TEXT,  
        "CustomerID"    INTEGER,  
        FOREIGN KEY("CustomerID") REFERENCES "Customer"("CustomerID"),  
        PRIMARY KEY("UserName")  
);

INSERT INTO Product (ProductID, Name, Price, TaxRate, Quantity, Vendor, Description)  
VALUES  
(1066, 'Banana', 2.49, .08, 50, 'Cresco Foods', 'Cavendish Bananas'),  
(2077, 'Orange', 3.99, .08, 30, 'Cresco Foods', 'Mandarin Oranges'),  
(4098, 'Blueberries', 2.29, .08, 25, 'Pendley Farms', NULL),  
(3409, 'Apple', 3.89, .08, 30, 'Dole', 'Red Delicious'),  
(2013, 'Strawberries', 2.89, .08, 20, 'Driscoll', NULL);  
  
INSERT INTO Customer(CustomerID, Name, Phone, Address, PaymentInfo)  
VALUES  
(9034, 'Johnny Smith', '501-987-2332', '433 Cherry Street', '4555 0912 8172'),  
(7802, 'Michael Anderson', '344-812-7234', '512 Apple Road', NULL),  
(9401, 'Katherine Spellman', '779-901-2109', '687 Pear Boulevard', '6872 7894 3094 8712'),  
(8093, 'Beth Gordon', '858-903-9845', '327 Grape Avenue', '4231 8264 9099 7263'),  
(2093, 'Ariel Clouse', NULL, '217 Orange Way', NULL);

INSERT INTO Purchase(PurchaseID, ProductID, CustomerID, Quantity, Cost, TaxCost, TotalCost, DateOf)

VALUES

(2077, 1066, 2093, 3, 7.47, .67, 8.14, 'Thur Dec 12 19:20:42 CDT 2019'),

(9011, 1066, 9034, 2, 4.98, .45, 5.43, 'Thur Dec 12 19:21:56 CDT 2019'),

(9012, 2077, 7802, 2, 7.98, .72, 8.7, 'Thur Dec 12 19:22:31 CDT 2019'),

(9013, 4098, 9401, 2, 4.58, .41, 4.99, 'Thur Dec 12 19:24:03 CDT 2019'),

(9014, 3409, 8093, 2, 7.78, .7, 8.48, 'Thur Dec 12 19:25:02 CDT 2019'),

(9015, 2013, 2093, 5, 14.45, 1.3, 15.75, 'Thur Dec 12 19:27:46 CDT 2019'),

(9016, 1066, 2093, 4, 9.96, .9, 10.86, 'Thur Dec 12 19:28:33 CDT 2019'),

(9017, 2013, 9034, 3, 8.67, .78, 9.45, 'Thur Dec 12 19:28:59 CDT 2019'),

(9018, 4098, 9034, 4, 9.16, .82, 9.98, 'Thur Dec 12 19:29:29 CDT 2019'),

(9019, 3409, 7802, 15, 58.35, 5.25, 63.6, 'Thur Dec 12 19:31:27 CDT 2019');  
  
INSERT INTO User(UserName, Password, UserType, FullName, CustomerID)  
VALUES  
("AC001", "Clouse990", 3, "Ariel Clouse", 2093),  
("Jimbo", "Fischer", 1, "Jimothy Fish", NULL),  
("Wizard", "Spells", 3, "Katherine Spellman", 9401),  
("Mike", "Secret", 0, "Michael Smith", NULL),  
("Frank", "TheBull",  2, "Frank Gore", NULL);