Austin Hall

12 Oct 2019

Project 2

SQL Code / Database test data

**Tables and sample data**

**Products Table**

CREATE TABLE Products(

ProductID INT NOT NULL UNIQUE,

Name TEXT,

Price REAL,

Quantity REAL,

PRIMARY KEY(ProductID)

);

**Test Data**

INSERT INTO Products(ProductID, Name, Price, Quantity)

VALUES

(99, “Apple”, 1.0, 999),

(1, “Apple iPhone”, 999.99, 20),

(4, “Pear”, 1.5, 98),

(5, “Banana”, 1.75, 67),

(6, “Almonds”, 4.99, 50),

(7, “Peanut Butter”, 6.49, 104),

(10, “Basketball”, 15.99, 40);

**Customers Table**

CREATE TABLE Customers(

CustomerID INT NOT NULL UNIQUE,

Name TEXT,

Phone TEXT,

Address TEXT,

PRIMARY KEY(CustomerID)

);

INSERT INTO Customers(CustomerID, Name, Phone, Address)

VALUES

(111, “Austin”, “2561230990”, “123 Glenn Ave”),

(1, “John Doe”, “21 Spring Creek Circle”, “(554) 304-5549”),

(2, “Mike Oxlong”, “(534) 992-1029432”, “Spring Creek Ave”),

(3, “Jeremy Daniels”, “(204) 403-3012”, “9978 Hwy 431”),

(4, “Emily Smith”, “(302) 123-3092”, “621 Appleton Way”),

(5, “Megan Jones”, “(493) 232-8394”, “11 Mounain Drive”),

(10, “James Smith”, “(998) 392-2940”, “123 Magnolia Ave”);

**Purchases Table**

CREATE TABLE Purchases(

PurchaseID INT NOT NULL UNIQUE,

CustomerID INT NOT NULL,

ProductID INT NOT NULL,

Price REAL,

Quantity REAL,

Cost REAL,

Tax REAL,

Total REAL,

Date TEXT,

PRIMARY KEY(PurchaseID),

FOREIGN KEY(CustomerID) REFERENCES Customers.CustomerID,

FOREIGN KEY(ProductID) REFERENCES Products.ProductID

);

**Sample Data**

INSERT INTO Purchases(PurchaseID, CustomerID, ProductID, Price, Quantity, Cost, Tax, Total, Date)

VALUES

(123, 111, 99, 1.0, 52.0, 4.68, 56.68, “Thu Oct 10 14:08:38 CDT 2019”),

(1, 111, 99, 1.0, 2.0, 2.0, 0.18, 2.18, “Thu Oct 10 14:24:32 CDT 2019”),

(2, 111 ,99 ,1.0 ,42.0, 42.0, 3.78, 45.78, “Thu Oct 10 14:36:41 CDT 2019”),

(3, 1, 1, 999.99, 2.0, 1999.98, 179.9982, 2179.9782, “Fri Oct 11 11:31:00 CDT 2019”),

(4, 4, 6, 4.99, 22.0, 38.5, 3.465, 41.965, “Fri Oct 11 12:06:45 CDT 2019”),

(5, 5, 7, 6.49, 3.0, 19.47, 1.7523, 21.2223, “Fri Oct 11 12:06:45 CDT 2019”),

(6, 5, 5, 1.75, 3.0, 5.25, 0.4725, 5.7225, “Fri Oct 11 12:06:45 CDT 2019”),

(7,3, 7, 6.49, 3.0, 5.25, 0.4725, 5.7225, “Fri Oct 11 12:06:45 CDT 2019”),

(8, 2, 4, 1.5, 4.0, 6.0, 0.54, 6.54, “Fri Oct 11 12:06:45 CDT 2019”),

(9, 2, 4, 1.5, 2.0, 3.0, 0.27, 3.27, “Fri Oct 11 12:06:45 CDT 2019”);