SQL code

﻿ CREATE TABLE "Users" (

"Username" INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT UNIQUE,

"Password" TEXT NOT NULL,

"Fullname" TEXT NOT NULL,

"UserType" INTEGER NOT NULL

)

CREATE TABLE "Products" (

"ProductID" INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT UNIQUE,

"Name" TEXT NOT NULL,

"Price" REAL NOT NULL,

"Quantity" REAL NOT NULL

)

﻿ ﻿CREATE TABLE "Customers" (

"CustomerID" INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT UNIQUE,

"Name" TEXT NOT NULL,

"Phone" INTEGER,

"Address" TEXT

)

﻿ ﻿CREATE TABLE "Purchases" (

"PurchaseID" INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT UNIQUE,

"ProductID" INTEGER NOT NULL,

"CustomerID" INTEGER NOT NULL,

"PurchaseDateTime" TEXT NOT NULL,

"Price" REAL NOT NULL,

"Quantity" REAL NOT NULL,

"Cost" REAL NOT NULL,

"Tax" REAL NOT NULL,

"TotalCost" REAL NOT NULL

)

**Inserting Data into Tables**

INSERT INTO Users

VALUES

(John, ‘1’, John Mackle, 0),

(Kant, ‘2’, Kant Hiroshi, 3),

(Lori, ‘3’, Lori Montrea, 2),

(Mason, ‘4’, Mason Don, 1),

(User, ‘random12’, Monty Jackson, 4);

﻿INSERT INTO Products

VALUES

(1, '1% Milk', 3.49, 45),

(2, 'Unsalted Butter', 2.49, 100),

(3, 'Cheezits', 5.45, 20),

(4, 'Craft Button Kit', 2.25, 15),

(5, 'Pumpkin Carving Kit', 3.49, 15);

﻿INSERT INTO Customers

VALUES

(1, 'Miles Edgeworth', 3333333333, '123 Mulberry St'),

(2, 'Phoenix Wright', 1111112222, '123 Bulberry St'),

(3, 'Maya Fey', 1234567890, '123 Muffin Ln'),

(4, 'Mia Fey', NULL, NULL),

(5, 'Winston Payne', NULL, NULL);

INSERT INTO Purchases

VALUES

(1, 1, 1, '10-06-2019', 10.99, 4.25, 5.50, 2.50, 8.00),

(2, 1, 1, '10-07-2019', 2.99, 4.25, 5.50, 2.50, 8.00),

(3, 1, 1, '10-08-2019', 3.99, 4.25, 5.50, 2.50, 8.00),

(4, 1, 1, '10-09-2019', 3.99, 4.25, 5.50, 2.50, 8.00),

(5, 1, 1, '10-10-2019', 4.99, 4.25, 5.50, 2.50, 8.00),

(6, 1, 1, '10-11-2019', 5.99, 4.25, 5.50, 2.50, 8.00),

(7, 1, 1, '10-12-2019', 6.99, 4.25, 5.50, 2.50, 8.00),

(8, 1, 1, '10-13-2019', 7.99, 4.25, 5.50, 2.50, 8.00),

(9, 1, 1, '10-14-2019', 8.99, 4.25, 5.50, 2.50, 8.00),

(10, 1, 1, '10-15-2019', 9.99, 4.25, 5.50, 2.50, 8.00);