Design the database physically and prepare data for the tables, with at least 5 products, 5 customers, and 10 purchases.

Customers(CustomerID*, Name, Phone, Address)

Products(ProductID*, Name, Price, Quantity)

Purchase(PurchaseID*, CustomerID, ProductID, Quantity, Cost, Tax, TotalCost)

```
CREATE TABLE "Customers" (
    "CustomerID"        INTEGER,
    "Name"      TEXT NOT NULL,
    "Phone"     TEXT DEFAULT '111-111-1111',
    "Address"   TEXT DEFAULT 'US',
    PRIMARY KEY("CustomerID")
)

CREATE TABLE "Products" (
    "ProductID" INTEGER,
    "Name"      TEXT NOT NULL,
    "Price"     REAL NOT NULL,
    "Quantity"  REAL NOT NULL,
    PRIMARY KEY("ProductID")
)
```

```
CREATE TABLE "Purchase" (
    "PurchaseID"        INTEGER,
    "CustomerID"        INTEGER NOT NULL,
    "ProductID" INTEGER NOT NULL,
    "Quantity"    INTEGER NOT NULL,
    "Cost"          REAL NOT NULL,
    "Tax"  REAL NOT NULL,
    "TotalCost"   REAL NOT NULL,
    PRIMARY KEY("PurchaseID")
)
```

```
INSERT INTO Customers
VALUES
(1, 'Amada', '334-898-9034', 'AL'),
(2, 'Emy', '404-890-6734', 'GA'),
(3, 'Angel', '212-234-7832', 'NY'),
(4, 'Jackson', '310-789-2839', 'LA'),
(5, 'Fiona', '415-908-2345', 'CA');
```

```
INSERT INTO Products
VALUES
(1,'Apple',0.99,300),
(2,'Noodles',1.32,500),
(3,'Pineapple',2.32,200),
(4,'Light',8.92,400),
(5,'Sunglass',23.40,50);

INSERT INTO Purchase
VALUES
(1,1,1,2,1.98,0.18,2.16),
(2,2,2,5,6.00,0.59,7.19),
(3,3,1,2,1.98,0.18,2.16),
(4,4,3,3,6.96,0.63,7.59),
(5,5,4, 4,35.68,1.78,37.46),
```

(6,6,2,5,6.60,0.59,7.19),
(7,7,5,1,23.50,1.18,24.68),
(8,8,3,3,6.96,0.63,7.59),
(9,9,5,1,23.5,1.18,24.68),
(10,10,2,5,6.60,0.59,7.19);