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

- ○ Physical database
  - ■ CREATE TABLE customers ('customerid' INTEGER, 'name' TEXT, 'address' TEXT, 'phone' INTEGER);
    CREATE TABLE products ('productid' INTEGER, 'barcode' INTEGER, 'name' TEXT, 'expiration_date' TEXT, 'price' REAL, 'tax' REAL, 'quantity' INTEGER, 'supplier' TEXT, 'manufactured_date' TEXT, PRIMARY KEY('productid'));
    CREATE TABLE purchases ('purchaseid' INTEGER, 'customerid' INTEGER, 'productid' INTEGER, 'date' TEXT, 'quantity' INTEGER, 'price' REAL, 'tax' REAL, 'total_cost' REAL, PRIMARY KEY('purchaseid'));

- ○ Data
  - ■ INSERT INTO products VALUES
    (1,1,'shampoo','1/1/2022',0.99,0.09,110,'suave','1/1/2020'),
    (2,2,'brats','1/1/2021',0.95,0.09,7,'hillshire farm','1/1/2019'),
    (3,3,'Pineapple','1/1/2019',0.95,0.09,7,'Dole','1/1/20218'),
    (4,4,'Soap','1/1/2023',0.50,0.13,5,'Dove','1/1/2007'),
    (5,5,'Sandwich','1/1/2019',1.05,0.13,10,'loves company','1/1/2018'),
  - ■ INSERT INTO customers VALUES
    (1,'Mary','123 Webster Rd','256-558-1234'),
    (2,'Tony','234 Webster Rd','256-558-2345'),
    (3,'Timothy','345 Webster Rd','256-558-3456'),
    (4,'Daniel','456 Webster Rd','256-558-4567'),
    (5,'Benjamin','567 Webster Rd','256-558-4567')
  - ■ INSERT INTO purchases VALUES
    (1,2,3,'9/10/2019',7,3.50,0.91,4.41),
    (2,3,4,'9/9/2019',1,0.99,0.09,1.08),
    (3,4,5,'9/8/2019',1,1.95,0.19,2.14),
    (4,5,6,'9/8/2019',1,0.99,0.09,1.08),
    (5,2,4,'7/10/2019',7,3.50,0.91,4.41),
    (6,4,8,'2/31/2019',1,1.95,0.19,2.14),
    (7,5,6,'7/04/2019',1,1.00,0.11,1.11),
    (8,1,3,'8/19/2019',1,1.95,0.19,2.14),
    (9,2,6,'2/14/2019',1,1.00,0.11,1.11),
    (10,3,8,'6/26/2019',1,1.95,0.19,2.14)