CREATE DATABASE COMPANY;

CREATE TABLE Category (

CategoryID VARCHAR(4) PRIMARY KEY,

CategoryName VARCHAR(100)

);

CREATE TABLE Product (

ProductID VARCHAR(10) PRIMARY KEY,

ProductName VARCHAR(100) NOT NULL,

CategoryID VARCHAR(10),

Price DECIMAL(10,2),

StaffID VARCHAR(10),

FOREIGN KEY (CategoryID) REFERENCES Category(CategoryID),

FOREIGN KEY (StaffID) REFERENCES Staff(StaffID)

);

CREATE TABLE Staff (

StaffID VARCHAR(4) PRIMARY KEY,

StaffName VARCHAR(100)

);

CREATE TABLE Staff\_Price (

StaffID VARCHAR(4),

ProductID VARCHAR(4),

Price DECIMAL(10,2),

Product\_date date,

PRIMARY KEY (StaffID, ProductID),

FOREIGN KEY (StaffID) REFERENCES Staff(StaffID),

FOREIGN KEY (ProductID) REFERENCES Product(ProductID)

);

INSERT INTO Category(CategoryID, CategoryName) VALUES('C01', 'Electronics');

INSERT INTO Category(CategoryID, CategoryName) VALUES('C02', 'Clothing');

INSERT INTO Category(CategoryID, CategoryName) VALUES('C03', 'Food & Beverages');

INSERT INTO Category(CategoryID, CategoryName) VALUES('C04', 'Books');

INSERT INTO Category(CategoryID, CategoryName) VALUES('C05', 'Furniture');

INSERT INTO Category(CategoryID, CategoryName) VALUES('C06', 'Toys & Games');

INSERT INTO Category(CategoryID, CategoryName) VALUES('C07', 'Beauty & Personal Care');

INSERT INTO Category(CategoryID, CategoryName) VALUES('C08', 'Sports & Outdoors');

INSERT INTO Category(CategoryID, CategoryName) VALUES('C09', 'Automotive');

INSERT INTO Category(CategoryID, CategoryName) VALUES('C10', 'Office Supplies');

INSERT INTO Staff(StaffID, StaffName) VALUES('S01', 'Alice Kamanzi');

INSERT INTO Staff(StaffID, StaffName) VALUES('S02', 'John Mugenzi');

INSERT INTO Staff(StaffID, StaffName) VALUES('S03', 'Grace Uwimana');

INSERT INTO Staff(StaffID, StaffName) VALUES('S04', 'Eric Nshimiyimana');

INSERT INTO Staff(StaffID, StaffName) VALUES('S05', 'Diane Umutoni');

-- Electronics (C01)

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P01', 'iPhone 14', 'C01', 'S01');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P02', 'Samsung Galaxy S22', 'C01', 'S02');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P03', 'Dell Inspiron 15', 'C01', 'S03');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P04', 'Sony Bravia TV', 'C01', 'S04');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P05', 'Apple Watch 8', 'C01', 'S05');

-- Clothing (C02)

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P06', 'Levi’s Jeans', 'C02', 'S01');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P07', 'Nike Air Max', 'C02', 'S02');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P08', 'Adidas Hoodie', 'C02', 'S03');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P09', 'Zara Shirt', 'C02', 'S04');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P10', 'H&M Dress', 'C02', 'S05');

-- Food & Beverages (C03)

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P11', 'Coca-Cola 500ml', 'C03', 'S01');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P12', 'Nido Milk 1kg', 'C03', 'S02');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P13', 'Basmati Rice 5kg', 'C03', 'S03');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P14', 'Fanta Orange 1L', 'C03', 'S04');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P15', 'King’s Bread', 'C03', 'S05');

-- Books (C04)

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P16', 'Atomic Habits', 'C04', 'S01');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P17', 'Clean Code', 'C04', 'S02');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P18', 'The Alchemist', 'C04', 'S03');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P19', 'DB Design Guide', 'C04', 'S04');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P20', 'NatGeo July', 'C04', 'S05');

-- Furniture (C05)

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P21', 'IKEA Dining Table', 'C05', 'S01');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P22', 'Office Chair', 'C05', 'S02');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P23', 'Bookshelf', 'C05', 'S03');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P24', 'Queen Bed', 'C05', 'S04');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P25', '3-Seater Sofa', 'C05', 'S05');

-- Toys & Games (C06)

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P26', 'LEGO Classic Bricks', 'C06', 'S01');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P27', 'Uno Card Game', 'C06', 'S02');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P28', 'Rubik’s Cube', 'C06', 'S03');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P29', 'Hot Wheels Set', 'C06', 'S04');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P30', 'Barbie Doll', 'C06', 'S05');

-- Beauty & Personal Care (C07)

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P31', 'Nivea Body Lotion', 'C07', 'S01');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P32', 'Colgate Toothpaste', 'C07', 'S02');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P33', 'Dove Shampoo', 'C07', 'S03');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P34', 'Gillette Razor', 'C07', 'S04');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P35', 'Vaseline Jelly', 'C07', 'S05');

-- Sports & Outdoors (C08)

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P36', 'Adidas Football', 'C08', 'S01');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P37', 'Nike Running Shoes', 'C08', 'S02');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P38', 'Skipping Rope', 'C08', 'S03');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P39', 'Camping Tent', 'C08', 'S04');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P40', 'Yoga Mat', 'C08', 'S05');

-- Automotive (C09)

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P41', 'Car Air Freshener', 'C09', 'S01');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P42', 'Motor Oil 1L', 'C09', 'S02');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P43', 'Windshield Wiper', 'C09', 'S03');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P44', 'Car Vacuum Cleaner', 'C09', 'S04');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P45', 'Battery Charger', 'C09', 'S05');

-- Office Supplies (C10)

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P46', 'A4 Printing Paper', 'C10', 'S01');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P47', 'Stapler Machine', 'C10', 'S02');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P48', 'Ballpoint Pens Pack', 'C10', 'S03');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P49', 'Notebooks (Set of 5)', 'C10', 'S04');

INSERT INTO Product(ProductID, ProductName, CategoryID, StaffID) VALUES('P50', 'Desk Organizer', 'C10', 'S05');

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P01', 'S01', 999.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P02', 'S02', 799.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P03', 'S03', 550.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P04', 'S04', 720.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P05', 'S05', 399.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P06', 'S01', 89.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P07', 'S02', 120.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P08', 'S03', 65.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P09', 'S04', 40.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P10', 'S05', 50.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P11', 'S01', 1.50);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P12', 'S02', 6.80);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P13', 'S03', 14.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P14', 'S04', 2.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P15', 'S05', 1.80);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P16', 'S01', 18.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P17', 'S02', 25.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P18', 'S03', 12.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P19', 'S04', 20.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P20', 'S05', 5.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P21', 'S01', 180.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P22', 'S02', 120.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P23', 'S03', 70.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P24', 'S04', 250.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P25', 'S05', 300.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P26', 'S01', 35.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P27', 'S02', 60.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P28', 'S03', 45.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P29', 'S04', 25.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P30', 'S05', 55.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P31', 'S01', 10.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P32', 'S02', 18.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P33', 'S03', 22.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P34', 'S04', 15.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P35', 'S05', 8.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P36', 'S01', 80.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P37', 'S02', 150.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P38', 'S03', 95.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P39', 'S04', 60.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P40', 'S05', 45.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P41', 'S01', 25.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P42', 'S02', 55.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P43', 'S03', 40.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P44', 'S04', 32.00);

INSERT INTO Staff\_Price(ProductID, StaffID, Price) VALUES('P45', 'S05', 75.00);