CREATE TABLE Customer (

Customer\_ID INT PRIMARY KEY,

Name VARCHAR(255),

Email VARCHAR(255),

Phone\_Number VARCHAR(20),

Loyalty\_Points INT

);

CREATE TABLE Order (

Order\_ID INT PRIMARY KEY,

Customer\_ID INT,

Order\_Date DATE,

Total\_Amount DECIMAL(10, 2),

Staff\_ID INT,

Status VARCHAR(255),

FOREIGN KEY (Customer\_ID) REFERENCES Customer(Customer\_ID),

FOREIGN KEY (Staff\_ID) REFERENCES Staff(Staff\_ID)

);

CREATE TABLE Order\_Item (

Order\_Item\_ID INT PRIMARY KEY,

Order\_ID INT,

Item\_ID INT,

Quantity INT,

FOREIGN KEY (Order\_ID) REFERENCES Order(Order\_ID)

-- The Item\_ID would be a foreign key to a Menu\_Item table, for example.

);

CREATE TABLE Menu\_Item (

Menu\_Item\_ID INT PRIMARY KEY,

Ingredient\_ID INT,

Name VARCHAR(255),

Type VARCHAR(255),

Price DECIMAL(10, 2),

Description TEXT,

FOREIGN KEY (Ingredient\_ID) REFERENCES Ingredient(Ingredient\_ID)

);

CREATE TABLE Order\_Promotion (

Order\_Promotion\_ID INT PRIMARY KEY,

Order\_ID INT,

Promotion\_ID INT,

FOREIGN KEY (Order\_ID) REFERENCES Order(Order\_ID),

FOREIGN KEY (Promotion\_ID) REFERENCES Promotion(Promotion\_ID)

);

CREATE TABLE Promotion (

Promotion\_ID INT PRIMARY KEY,

Name VARCHAR(255),

Description TEXT,

Start\_Date DATE,

End\_Date DATE,

Discount\_Amount DECIMAL(10, 2)

);

CREATE TABLE Staff (

Staff\_ID INT PRIMARY KEY,

Name VARCHAR(255),

Role\_Type VARCHAR(255),

Coffee\_Skills\_Level INT NULL,

Register\_Management\_Skills INT NULL,

Management\_Experience INT NULL,

Leadership\_Skills INT NULL

);

CREATE TABLE Ingredient (

Ingredient\_ID INT PRIMARY KEY,

Name VARCHAR(255),

Category VARCHAR(255)

);

CREATE TABLE Inventory (

Ingredient\_ID INT,

Quantity INT,

FOREIGN KEY (Ingredient\_ID) REFERENCES Ingredient(Ingredient\_ID)

);

CREATE TABLE Customer\_Review (

Review\_ID INT PRIMARY KEY,

Customer\_ID INT,

Review\_Text TEXT,

Rating DECIMAL(2, 1),

Review\_Date DATE,

FOREIGN KEY (Customer\_ID) REFERENCES Customer(Customer\_ID)

);

INSERT INTO Customer (Customer\_ID, Name, Email, Phone\_Number, Loyalty\_Points)

VALUES

(1, 'John Doe', 'john.doe@example.com', '555-1234', 100),

(2, 'Jane Smith', 'jane.smith@example.com', '555-5678', 150),

(3, 'Bob Johnson', 'bob.johnson@example.com', '555-9876', 50),

(4, 'Alice Williams', 'alice.williams@example.com', '555-4321', 200),

(5, 'Charlie Brown', 'charlie.brown@example.com', '555-8765', 75),

(6, 'Emma Davis', 'emma.davis@example.com', '555-2345', 120),

(7, 'Michael Wilson', 'michael.wilson@example.com', '555-8761', 90),

(8, 'Sophia Taylor', 'sophia.taylor@example.com', '555-3456', 180),

(9, 'Daniel Miller', 'daniel.miller@example.com', '555-6543', 30),

(10, 'Olivia Anderson', 'olivia.anderson@example.com', '555-7890', 160),

(11, 'William White', 'william.white@example.com', '555-8901', 70),

(12, 'Ava Martin', 'ava.martin@example.com', '555-5678', 110),

(13, 'Ethan Lee', 'ethan.lee@example.com', '555-4321', 140),

(14, 'Mia Garcia', 'mia.garcia@example.com', '555-9876', 80),

(15, 'James Davis', 'james.davis@example.com', '555-1234', 190),

(16, 'Lily Moore', 'lily.moore@example.com', '555-8765', 40),

(17, 'Noah Jackson', 'noah.jackson@example.com', '555-8761', 130),

(18, 'Grace Harris', 'grace.harris@example.com', '555-6543', 60),

(19, 'Logan Wilson', 'logan.wilson@example.com', '555-8901', 170),

(20, 'Chloe Brown', 'chloe.brown@example.com', '555-2345', 120),

(21, 'Samuel Taylor', 'samuel.taylor@example.com', '555-9876', 95),

(22, 'Sophie Walker', 'sophie.walker@example.com', '555-4321', 160),

(23, 'David Moore', 'david.moore@example.com', '555-5678', 45),

(24, 'Ella Martinez', 'ella.martinez@example.com', '555-8765', 210),

(25, 'Jackson Wright', 'jackson.wright@example.com', '555-6543', 85),

(26, 'Avery Hill', 'avery.hill@example.com', '555-8901', 120),

(27, 'Scarlett Allen', 'scarlett.allen@example.com', '555-8761', 75),

(28, 'Lucas Reed', 'lucas.reed@example.com', '555-2345', 150),

(29, 'Madison Hall', 'madison.hall@example.com', '555-5678', 110),

(30, 'Isaac Turner', 'isaac.turner@example.com', '555-7890', 180);

INSERT INTO Order (Order\_ID, Customer\_ID, Order\_Date, Total\_Amount, Staff\_ID, Status)

VALUES

(101, 1, '2023-01-05', 150.00, 5, 'Completed'),

(102, 2, '2023-01-15', 200.50, 12, 'Pending'),

(103, 3, '2023-02-01', 75.25, 17, 'Completed'),

(104, 4, '2023-02-15', 300.00, 22, 'Pending'),

(105, 5, '2023-03-01', 120.75, 28, 'Completed'),

(106, 6, '2023-03-15', 180.50, 11, 'Pending'),

(107, 7, '2023-04-01', 90.20, 4, 'Completed'),

(108, 8, '2023-04-15', 250.00, 25, 'Pending'),

(109, 9, '2023-05-01', 40.75, 30, 'Completed'),

(110, 10, '2023-05-15', 160.50, 19, 'Pending'),

(111, 11, '2023-06-01', 70.25, 13, 'Completed'),

(112, 12, '2023-06-15', 110.00, 27, 'Pending'),

(113, 13, '2023-07-01', 140.75, 9, 'Completed'),

(114, 14, '2023-07-15', 80.20, 18, 'Pending'),

(115, 15, '2023-08-01', 190.00, 6, 'Completed'),

(116, 16, '2023-08-15', 40.50, 2, 'Pending'),

(117, 17, '2023-09-01', 130.25, 14, 'Completed'),

(118, 18, '2023-09-15', 60.00, 21, 'Pending'),

(119, 19, '2023-10-01', 170.75, 7, 'Completed'),

(120, 20, '2023-10-15', 120.50, 26, 'Pending'),

(121, 21, '2023-11-01', 95.25, 3, 'Completed'),

(122, 22, '2023-11-15', 160.00, 20, 'Pending'),

(123, 23, '2023-12-01', 45.75, 10, 'Completed'),

(124, 24, '2023-12-15', 210.50, 8, 'Pending'),

(125, 25, '2023-12-25', 85.00, 15, 'Completed'),

(126, 26, '2023-12-28', 120.75, 29, 'Pending'),

(127, 27, '2023-12-30', 75.20, 16, 'Completed'),

(128, 28, '2023-12-31', 150.00, 23, 'Pending'),

(129, 29, '2023-01-01', 110.25, 24, 'Completed'),

(130, 30, '2023-01-05', 180.50, 1, 'Pending');

INSERT INTO Menu\_Item (Menu\_Item\_ID, Ingredient\_ID, Name, Type, Price, Description)

VALUES

(1, 201, 'Espresso', 'Coffee', 2.99, 'A strong black coffee made by forcing steam through ground coffee beans.'),

(2, 202, 'Cappuccino', 'Coffee', 3.49, 'Espresso mixed with equal parts of steamed milk and milk foam.'),

(3, 203, 'Latte', 'Coffee', 3.99, 'Espresso mixed with a large amount of steamed milk and a small amount of milk foam.'),

(4, 204, 'Americano', 'Coffee', 2.79, 'A diluted espresso with hot water, giving it a similar strength to traditional drip coffee.'),

(5, 205, 'Macchiato', 'Coffee', 3.29, 'Espresso with a small amount of milk or foam on top.'),

(6, 206, 'Mocha', 'Coffee', 4.49, 'Espresso mixed with steamed milk and chocolate syrup, topped with whipped cream.'),

(7, 207, 'Iced Coffee', 'Coffee', 3.99, 'Chilled coffee served over ice.'),

(8, 208, 'Chai Latte', 'Tea', 4.99, 'Spiced tea concentrate mixed with steamed milk.'),

(9, 209, 'Green Tea', 'Tea', 2.49, 'Traditional green tea.'),

(10, 210, 'Herbal Tea', 'Tea', 2.49, 'A blend of various herbs, fruits, and spices.'),

(11, 211, 'Caramel Frappuccino', 'Frappuccino', 5.49, 'Blended beverage with coffee, milk, and caramel syrup, topped with whipped cream.'),

(12, 212, 'Vanilla Latte', 'Coffee', 4.29, 'Espresso mixed with steamed milk and vanilla syrup.'),

(13, 213, 'Croissant', 'Bakery', 2.99, 'Flaky, buttery pastry.'),

(14, 214, 'Blueberry Muffin', 'Bakery', 2.49, 'Soft muffin with blueberries.'),

(15, 215, 'Bagel with Cream Cheese', 'Bakery', 3.49, 'Plain bagel served with cream cheese.'),

(16, 216, 'Avocado Toast', 'Breakfast', 5.99, 'Sliced avocado on toasted bread, seasoned with salt and pepper.'),

(17, 217, 'Granola Parfait', 'Breakfast', 4.79, 'Layers of granola, yogurt, and fresh fruits.'),

(18, 218, 'Egg and Cheese Sandwich', 'Breakfast', 4.29, 'Scrambled eggs and melted cheese on a toasted bun.'),

(19, 219, 'Caesar Salad', 'Salad', 7.99, 'Romaine lettuce, croutons, parmesan cheese, and Caesar dressing.'),

(20, 220, 'Caprese Panini', 'Sandwich', 6.49, 'Tomato, mozzarella, and basil pressed in a panini.'),

(21, 221, 'Turkey Club Wrap', 'Wrap', 8.99, 'Turkey, bacon, lettuce, tomato, and mayo wrapped in a tortilla.'),

(22, 222, 'Fruit Smoothie', 'Smoothie', 4.99, 'Blend of fresh fruits, yogurt, and ice.'),

(23, 223, 'Vegetarian Quiche', 'Quiche', 5.99, 'Savory pie filled with vegetables and cheese.'),

(24, 224, 'Chocolate Chip Cookie', 'Dessert', 1.99, 'Classic cookie with chocolate chips.'),

(25, 225, 'Cheesecake Slice', 'Dessert', 4.49, 'Rich and creamy cheesecake slice.'),

(26, 226, 'Fruit Tart', 'Dessert', 5.49, 'Pastry crust filled with custard and topped with fresh fruit.'),

(27, 227, 'Brownie Sundae', 'Dessert', 6.99, 'Warm brownie topped with vanilla ice cream and chocolate sauce.'),

(28, 228, 'Iced Matcha Latte', 'Tea', 4.79, 'Iced green tea with milk and matcha powder.'),

(29, 229, 'Pumpkin Spice Latte', 'Seasonal', 4.99, 'Espresso mixed with steamed milk and pumpkin spice syrup.'),

(30, 230, 'Eggnog Latte', 'Seasonal', 5.49, 'Espresso mixed with steamed eggnog and nutmeg.');

INSERT INTO Ingredient (Ingredient\_ID, Name, Category)

VALUES

(201, 'Coffee Beans', 'Coffee'),

(202, 'Milk', 'Dairy'),

(203, 'Steamed Milk', 'Dairy'),

(204, 'Hot Water', 'Water'),

(205, 'Foamed Milk', 'Dairy'),

(206, 'Chocolate Syrup', 'Syrup'),

(207, 'Iced Coffee Concentrate', 'Coffee'),

(208, 'Chai Tea Concentrate', 'Tea'),

(209, 'Green Tea Leaves', 'Tea'),

(210, 'Herbal Tea Blend', 'Tea'),

(211, 'Caramel Syrup', 'Syrup'),

(212, 'Vanilla Syrup', 'Syrup'),

(213, 'Croissant Dough', 'Bakery'),

(214, 'Blueberries', 'Fruit'),

(215, 'Bagel', 'Bakery'),

(216, 'Avocado', 'Produce'),

(217, 'Granola', 'Cereal'),

(218, 'Eggs', 'Dairy'),

(219, 'Romaine Lettuce', 'Produce'),

(220, 'Tomato', 'Produce'),

(221, 'Turkey', 'Meat'),

(222, 'Mixed Fruits', 'Fruit'),

(223, 'Vegetables', 'Produce'),

(224, 'Chocolate Chips', 'Baking'),

(225, 'Cream Cheese', 'Dairy'),

(226, 'Cream', 'Dairy'),

(227, 'Brownie Mix', 'Baking'),

(228, 'Matcha Powder', 'Tea'),

(229, 'Pumpkin Spice Syrup', 'Syrup'),

(230, 'Eggnog', 'Dairy');

INSERT INTO Inventory (Ingredient\_ID, Quantity)

VALUES

(201, 150),

(202, 300),

(203, 200),

(204, 100),

(205, 120),

(206, 80),

(207, 250),

(208, 100),

(209, 30),

(210, 40),

(211, 70),

(212, 60),

(213, 20),

(214, 200),

(215, 30),

(216, 10),

(217, 150),

(218, 40),

(219, 300),

(220, 200),

(221, 150),

(222, 200),

(223, 50),

(224, 100),

(225, 150),

(226, 200),

(227, 300),

(228, 50),

(229, 70),

(230, 250);

INSERT INTO Customer\_Review (Review\_ID, Customer\_ID, Review\_Text, Rating, Review\_Date)

VALUES

(101, 1, 'Great service and delicious coffee!', 4.5, '2023-01-10'),

(102, 2, 'The cappuccino was fantastic!', 4.0, '2023-03-12'),

(103, 3, 'Loved the atmosphere and friendly staff.', 4.2, '2023-04-15'),

(104, 4, 'Good place to hang out with friends.', 3.8, '2023-06-18'),

(105, 5, 'The iced coffee hit the spot!', 4.5, '2023-07-20'),

(106, 6, 'Cozy ambiance and great selection of pastries.', 4.2, '2023-08-25'),

(107, 7, 'Quick service and good quality coffee.', 4.0, '2023-09-28'),

(108, 8, 'Enjoyed the chai latte, but a bit too sweet.', 3.5, '2023-10-01'),

(109, 9, 'Nice place for a quiet study session.', 4.0, '2023-11-05'),

(110, 10, 'The breakfast options are delicious!', 4.3, '2023-12-08'),

(111, 11, 'Friendly staff and comfortable seating.', 4.1, '2023-02-10'),

(112, 12, 'The croissant was flaky and tasty.', 4.4, '2023-04-15'),

(113, 13, 'Perfect blueberry muffin!', 4.6, '2023-06-18'),

(114, 14, 'Bagel with cream cheese is a classic favorite.', 4.0, '2023-08-20'),

(115, 15, 'Avocado toast is a must-try!', 4.3, '2023-10-25'),

(116, 16, 'Granola parfait is a healthy choice.', 4.2, '2023-11-01'),

(117, 17, 'Satisfying egg and cheese sandwich.', 4.0, '2023-03-05'),

(118, 18, 'Caesar salad is fresh and flavorful.', 4.1, '2023-04-08'),

(119, 19, 'Caprese panini is a delightful option.', 4.4, '2023-06-10'),

(120, 20, 'Turkey club wrap is filling and tasty.', 4.2, '2023-07-15'),

(121, 21, 'Fruit smoothie is refreshing!', 4.3, '2023-09-18'),

(122, 22, 'Vegetarian quiche is a great breakfast choice.', 4.0, '2023-10-20'),

(123, 23, 'Chocolate chip cookie is a sweet treat.', 4.5, '2023-11-25'),

(124, 24, 'Cheesecake slice is rich and indulgent.', 4.2, '2023-01-28'),

(125, 25, 'Fruit tart is a delightful dessert option.', 4.4, '2023-03-01'),

(126, 26, 'Brownie sundae is a chocolate lover''s dream.', 4.3, '2023-04-05'),

(127, 27, 'Iced matcha latte is a unique and tasty drink.', 4.1, '2023-05-08'),

(128, 28, 'Pumpkin spice latte is a seasonal favorite.', 4.0, '2023-07-10'),

(129, 29, 'Eggnog latte is perfect for the holidays.', 4.5, '2023-08-15'),

(130, 30, 'Excellent service and diverse menu options.', 4.3, '2023-12-18');

INSERT INTO Staff (Staff\_ID, Name, Role\_Type, Coffee\_Skills\_Level, Register\_Management\_Skills, Management\_Experience, Leadership\_Skills)

VALUES

(1, 'Alice', 'Barista', 3, NULL, NULL, NULL),

(2, 'Bob', 'Barista', 4, NULL, NULL, NULL),

(3, 'Charlie', 'Barista', 2, NULL, NULL, NULL),

(4, 'David', 'Barista', 4, NULL, NULL, NULL),

(5, 'Emma', 'Barista', 3, NULL, NULL, NULL),

(6, 'Frank', 'Barista', 2, NULL, NULL, NULL),

(7, 'Grace', 'Manager', NULL, NULL, 4, 5),

(8, 'Henry', 'Manager', NULL, NULL, 5, 4),

(9, 'Ivy', 'Manager', NULL, NULL, 3, 3),

(10, 'Jack', 'Cashier', NULL, 2, NULL, NULL),

(11, 'Kelly', 'Cashier', NULL, 1, NULL, NULL),

(12, 'Leo', 'Cashier', NULL, 2, NULL, NULL),

(13, 'Mia', 'Cashier', NULL, 3, NULL, NULL),

(14, 'Nathan', 'Cashier', NULL, 2, NULL, NULL),

(15, 'Olivia', 'Cashier', NULL, 1, NULL, NULL),

(16, 'Peter', 'Barista', 3, NULL, NULL, NULL),

(17, 'Quinn', 'Barista', 4, NULL, NULL, NULL),

(18, 'Ryan', 'Barista', 2, NULL, NULL, NULL),

(19, 'Samantha', 'Barista', 4, NULL, NULL, NULL),

(20, 'Tom', 'Barista', 3, NULL, NULL, NULL),

(21, 'Ursula', 'Barista', 1, NULL, NULL, NULL),

(22, 'Victor', 'Cashier', NULL, 4, NULL, NULL),

(23, 'Wendy', 'Cashier', NULL, 3, NULL, NULL),

(24, 'Xander', 'Cashier', NULL, 2, NULL, NULL),

(25, 'Yara', 'Barista', 4, NULL, NULL, NULL),

(26, 'Zane', 'Cashier', NULL, 4, NULL, NULL),

(27, 'Alice', 'Cashier', NULL, 3, NULL, NULL),

(28, 'Bob', 'Manager', NULL, NULL, 5, 4),

(29, 'Charlie', 'Barista', 2, NULL, NULL, NULL),

(30, 'David', 'Barista', 4, NULL, NULL, NULL);

INSERT INTO Promotion (Promotion\_ID, Name, Description, Start\_Date, End\_Date, Discount\_Amount)

VALUES

(1, 'New Year Special', 'Kickstart the year with our special promotion!', '2023-01-01', '2023-01-15', 10.00),

(2, 'Spring Fling', 'Celebrate the season with fresh flavors and savings!', '2023-03-15', '2023-03-31', 12.50),

(3, 'Summer Sizzle', 'Beat the heat with cool savings on your favorite items!', '2023-06-01', '2023-06-30', 15.00),

(4, 'Independence Day Sale', 'Celebrate freedom with red, white, and blue discounts!', '2023-07-01', '2023-07-05', 25.00),

(5, 'Fall Harvest Feast', 'Celebrate the flavors of fall with discounts on seasonal treats!', '2023-10-01', '2023-10-15', 15.00),

(6, 'Holiday Cheer Special', 'Spread joy with discounts on holiday treats!', '2023-12-01', '2023-12-25', 15.00);

INSERT INTO Order\_Promotion (Order\_Promotion\_ID, Order\_ID, Promotion\_ID)

VALUES

(1, 101, 1),

(2, 102, 2),

(3, 103, 3),

(4, 104, 4),

(5, 105, 5),

(6, 106, 6),

(7, 107, 7),

(8, 108, 8),

(9, 109, 9),

(10, 110, 10),

(11, 111, 11),

(12, 112, 12),

(13, 113, 13),

(14, 114, 14),

(15, 115, 15),

(16, 116, 16),

(17, 117, 17),

(18, 118, 18),

(19, 119, 19),

(20, 120, 20),

(21, 121, 21),

(22, 122, 22),

(23, 123, 23),

(24, 124, 24),

(25, 125, 25),

(26, 126, 26),

(27, 127, 27),

(28, 128, 28),

(29, 129, 29),

(30, 130, 30);

INSERT INTO Order\_Item (Order\_Item\_ID, Order\_ID, Item\_ID, Quantity)

VALUES

(1, 101, 1, 2),

(2, 102, 5, 1),

(3, 103, 3, 3),

(4, 104, 7, 1),

(5, 105, 2, 2),

(6, 106, 4, 1),

(7, 107, 6, 3),

(8, 108, 1, 1),

(9, 109, 8, 2),

(10, 110, 9, 1),

(11, 111, 10, 3),

(12, 112, 2, 1),

(13, 113, 5, 2),

(14, 114, 3, 1),

(15, 115, 7, 3),

(16, 116, 1, 1),

(17, 117, 4, 2),

(18, 118, 6, 1),

(19, 119, 8, 3),

(20, 120, 9, 1),

(21, 121, 10, 2),

(22, 122, 2, 1),

(23, 123, 5, 3),

(24, 124, 7, 1),

(25, 125, 1, 2),

(26, 126, 4, 1),

(27, 127, 6, 2),

(28, 128, 8, 1),

(29, 129, 9, 3),

(30, 130, 10, 1);