CREATE TABLE Customer (

customer\_id INT PRIMARY KEY,

first\_name VARCHAR(32),

last\_name VARCHAR(32),

email VARCHAR(64),

phone\_number VARCHAR(32),

address VARCHAR(64),

zip\_code INT

);

CREATE TABLE Order (

order\_id INT PRIMARY KEY,

customer\_id INT,

restaurant\_id INT,

coupon\_code VARCHAR(10),

order\_date DATE,

order\_status VARCHAR(32),

total\_price FLOAT(64),

special\_instructions VARCHAR(140),

FOREIGN KEY (customer\_id) REFERENCES Customer(customer\_id),

FOREIGN KEY (restaurant\_id) REFERENCES Partner\_restaurant(restaurant\_id),

FOREIGN KEY (coupon\_code) REFERENCES Coupon(coupon\_code)

);

CREATE TABLE Pizza (

pizza\_id INT PRIMARY KEY,

pizza\_size VARCHAR(2),

protein VARCHAR(10),

toppings VARCHAR(10)

);

CREATE TABLE Order\_pizza (

order\_id INT,

pizza\_id INT,

PRIMARY KEY (order\_id, pizza\_id),

FOREIGN KEY (order\_id) REFERENCES Order(order\_id),

FOREIGN KEY (pizza\_id) REFERENCES Pizza(pizza\_id)

);

CREATE TABLE Delivery (

delivery\_id INT PRIMARY KEY,

order\_id INT,

driver\_name VARCHAR(32),

driver\_phone\_number VARCHAR(32),

delivery\_address VARCHAR(32),

zip\_code INT,

delivery\_status VARCHAR(64),

FOREIGN KEY (order\_id) REFERENCES Order(order\_id)

);

CREATE TABLE Payment (

payment\_id INT PRIMARY KEY,

order\_id INT,

payment\_date DATE,

payment\_method VARCHAR(32),

amount FLOAT(64),

FOREIGN KEY (order\_id) REFERENCES Order(order\_id)

);

CREATE TABLE Partner\_restaurant (

restaurant\_id INT PRIMARY KEY,

restaurant\_name VARCHAR(32),

address VARCHAR(64),

phone\_number VARCHAR(32),

email VARCHAR(32),

zip\_code INT

);

CREATE TABLE Advertiser (

advertiser\_id INT PRIMARY KEY,

payment\_id INT,

contact\_person\_name VARCHAR(32),

contact\_person\_phone\_number VARCHAR(32),

contact\_person\_email VARCHAR(32),

ad\_start\_date DATE,

ad\_end\_date DATE,

ad\_cost FLOAT(64),

paid BOOLEAN(1),

company\_name VARCHAR(15),

FOREIGN KEY (payment\_id) REFERENCES Payment(payment\_id)

);

CREATE TABLE Coupon (

coupon\_code VARCHAR(10) PRIMARY KEY,

discount INT,

max\_amount INT,

expiry\_date DATE

);

CREATE TABLE Zone\_map (

zip\_code INT,

restaurant\_id INT,

restaurant\_zip\_code INT,

FOREIGN KEY (restaurant\_id) REFERENCES Partner\_restaurant(restaurant\_id)

);

CREATE TABLE Customer\_support (

support\_id INT PRIMARY KEY,

order\_id INT,

customer\_id INT,

query\_title VARCHAR(32),

query\_desc VARCHAR(64),

query\_date DATE,

query\_status VARCHAR(32),

query\_resolution\_date DATE,

FOREIGN KEY (order\_id) REFERENCES Order(order\_id),

FOREIGN KEY (customer\_id) REFERENCES Customer(customer\_id)

);

**Insertion**

**Customer table**

(customer\_id, first\_name, last\_name, email, phone\_number, address, zip\_code) VALUES

(1, 'John', 'Doe', 'johndoe@example.com', '555-1234', '123 Main St', '90210'),

(2, 'Jane', 'Smith', 'janesmith@example.com', '555-5678', '456 Elm St', '90210'),

(3, 'Bob', 'Johnson', 'bobjohnson@example.com', '555-9012', '789 Oak St', '90210');

**Pizza table:**

INSERT INTO pizza (pizza\_id, pizza\_size, protein, toppings) VALUES

(1, 'Medium', 'Pepperoni', 'Mushrooms, Olives'),

(2, 'Large', 'Sausage', 'Onions, Peppers, Extra Cheese'),

(3, 'Small', 'Chicken', 'Spinach, Feta Cheese'),

(4, 'Medium', 'Ham', 'Pineapple');

**Order pizza table:**

INSERT INTO order\_pizza (order\_id, pizza\_id, quantity) VALUES

(1, 1, 2),

(1, 2, 1),

(2, 3, 2),

(3, 4, 1);

**Customer Support**

INSERT INTO customer\_support (support\_id, order\_id, customer\_id, query\_title, query\_desc, query\_date, query\_status, query\_resolution\_date) VALUES

(1, 1, 1, 'Missing Item', 'I did not receive the garlic knots I ordered', '2022-01-01', 'Open', NULL),

(2, 2, 2, 'Delivery Time', 'My pizza was delivered 30 minutes late', '2022-01-02', 'Open', NULL),

(3, 3, 3, 'Payment Issue', 'I was charged twice for my order', '2022-01-03', 'Open', NULL);

**Order table:**

INSERT INTO order (order\_id, customer\_id, restaurant\_id, coupon\_code, order\_date, order\_status, total\_price, special\_instructions) VALUES

(1, 1, 1, NULL, '2022-01-01', 'Pending', 30.00, 'Leave at front door'),

(2, 2, 2, 'NEWYEAR10', '2022-01-02', 'Complete', 40.00, 'Extra napkins please'),

(3, 3, 1, NULL, '2022-01-03', 'Pending', 25.00, 'Call when arriving');

**Delivery table:**

INSERT INTO delivery (delivery\_id, order\_id, driver\_name, driver\_phone\_number, delivery\_address, zip\_code, delivery\_status) VALUES

(1, 1, 'Joe', '555-1111', '123 Main St', '90210', 'En Route'),

(2, 2, 'Sara', '555-2222', '456 Elm St', '90210', 'Delivered'),

(3, 3, 'Mike', '555-3333', '789 Oak St', '90210', 'En Route');

**Payment table:**

INSERT INTO payment (payment\_id, order\_id, payment\_date, payment\_method, amount) VALUES

(1, 1, '2022-01-01', 'Credit Card', 30.00),

(2, 2, '2022-01-02',