--DROP TABLE Delivery;

--DROP TABLE Payment;

--DROP TABLE PaymentMethod;

--DROP TABLE OrderDetails;

--DROP TABLE CustomerOrders;

--DROP TABLE Customer;

--DROP TABLE Staff;

--DROP TABLE Pizza;

--DROP TABLE Category;

--DROP TABLE PizzaSize;

--DROP TABLE CrustType;

CREATE TABLE CrustType (

crust\_id NUMERIC(5) NOT NULL,

crust\_type VARCHAR2(20) NOT NULL,

crust\_price NUMERIC(4,2) NOT NULL CHECK (crust\_price >= 0),

CONSTRAINT pk\_crust\_type PRIMARY KEY (crust\_id)

);

CREATE TABLE PizzaSize (

size\_id NUMERIC(5) NOT NULL,

pizza\_size VARCHAR2(10) NOT NULL,

size\_price NUMERIC(4,2) NOT NULL CHECK (size\_price >= 0),

CONSTRAINT pk\_pizza\_size PRIMARY KEY (size\_id)

);

CREATE TABLE Category (

category\_id NUMERIC(5) NOT NULL,

category\_name VARCHAR2(20) NOT NULL,

CONSTRAINT pk\_category PRIMARY KEY (category\_id)

);

CREATE TABLE Pizza (

pizza\_id NUMERIC(5) NOT NULL,

pizza\_name VARCHAR2(50) UNIQUE NOT NULL,

description VARCHAR2(500),

category\_id NUMERIC(5) NOT NULL,

base\_price NUMERIC(5,2) NOT NULL CHECK (base\_price >= 0),

CONSTRAINT fk\_category FOREIGN KEY (category\_id) REFERENCES Category(category\_id),

CONSTRAINT pk\_pizza PRIMARY KEY (pizza\_id)

);

CREATE TABLE Staff (

staff\_id NUMERIC(5) NOT NULL,

first\_name VARCHAR2(20) NOT NULL,

last\_name VARCHAR2(20) NOT NULL,

role VARCHAR2(15) NOT NULL,

phone\_no VARCHAR2(15) NOT NULL,

email VARCHAR2(30) UNIQUE NOT NULL,

salary NUMERIC(7,2) CHECK (salary >= 0),

hire\_date DATE DEFAULT SYSDATE,

password VARCHAR2(20) NOT NULL,

CONSTRAINT pk\_staff PRIMARY KEY (staff\_id)

);

CREATE TABLE Customer (

customer\_id NUMERIC(5) NOT NULL,

first\_name VARCHAR2(20) NOT NULL,

last\_name VARCHAR2(20) NOT NULL,

email VARCHAR2(30) UNIQUE NOT NULL,

phone\_no NUMERIC(15) NOT NULL,

address VARCHAR2(50) NOT NULL,

county VARCHAR2(15) NOT NULL,

town VARCHAR2(15) NOT NULL,

eircode VARCHAR2(7) NOT NULL,

password VARCHAR2(10) NOT NULL,

CONSTRAINT pk\_customer PRIMARY KEY (customer\_id)

);

CREATE TABLE CustomerOrders (

order\_id NUMERIC(5) NOT NULL,

order\_date DATE DEFAULT SYSDATE,

total\_price NUMERIC(7,2) NOT NULL CHECK (total\_price >= 0),

customer\_id NUMERIC(5) NOT NULL,

payment\_status CHAR(1) DEFAULT 'N' CHECK (payment\_status IN ('Y', 'N')),

order\_status VARCHAR2(20) DEFAULT 'Pending' NOT NULL,

CONSTRAINT pk\_customer\_orders PRIMARY KEY (order\_id),

CONSTRAINT fk\_customer\_orders FOREIGN KEY (customer\_id) REFERENCES Customer(customer\_id)

);

CREATE TABLE OrderDetails (

order\_detail\_id NUMERIC(5) NOT NULL,

order\_id NUMERIC(5) NOT NULL,

pizza\_id NUMERIC(5) NOT NULL,

crust\_id NUMERIC(5) NOT NULL,

size\_id NUMERIC(5) NOT NULL,

quantity NUMERIC(5) NOT NULL CHECK (quantity > 0),

line\_total\_price NUMERIC(7,2) NOT NULL CHECK (line\_total\_price >= 0),

CONSTRAINT pk\_order\_details PRIMARY KEY (order\_detail\_id),

CONSTRAINT fk\_order\_details\_customer\_orders FOREIGN KEY (order\_id) REFERENCES CustomerOrders(order\_id),

CONSTRAINT fk\_order\_details\_pizza FOREIGN KEY (pizza\_id) REFERENCES Pizza(pizza\_id),

CONSTRAINT fk\_order\_details\_size FOREIGN KEY (size\_id) REFERENCES PizzaSize(size\_id),

CONSTRAINT fk\_order\_details\_crust FOREIGN KEY (crust\_id) REFERENCES CrustType(crust\_id)

);

CREATE TABLE PaymentMethod (

payment\_method\_id NUMERIC(5) NOT NULL,

method\_name VARCHAR2(20) NOT NULL,

CONSTRAINT pk\_payment\_method PRIMARY KEY (payment\_method\_id)

);

CREATE TABLE Payment (

payment\_id NUMERIC(5) NOT NULL,

order\_id NUMERIC(5) NOT NULL,

payment\_amount NUMERIC(7,2) NOT NULL CHECK (payment\_amount >= 0),

payment\_method\_id NUMERIC(5) NOT NULL,

CONSTRAINT pk\_payment PRIMARY KEY (payment\_id),

CONSTRAINT fk\_payment\_customer\_orders FOREIGN KEY (order\_id) REFERENCES CustomerOrders(order\_id),

CONSTRAINT fk\_payment\_method FOREIGN KEY (payment\_method\_id) REFERENCES PaymentMethod(payment\_method\_id)

);

CREATE TABLE Delivery (

delivery\_id NUMERIC(5) NOT NULL,

delivery\_date DATE DEFAULT SYSDATE,

staff\_id NUMERIC(5) NOT NULL,

order\_id NUMERIC(5) NOT NULL,

CONSTRAINT pk\_delivery PRIMARY KEY (delivery\_id),

CONSTRAINT fk\_delivery\_order FOREIGN KEY (order\_id) REFERENCES CustomerOrders(order\_id),

CONSTRAINT fk\_delivery\_staff FOREIGN KEY (staff\_id) REFERENCES Staff(staff\_id)

);

--INSERT

--Staff

INSERT INTO Staff (STAFF\_ID, FIRST\_NAME, LAST\_NAME, ROLE, PHONE\_NO, EMAIL, SALARY, HIRE\_DATE, PASSWORD)

VALUES (1, 'David', 'Wilson', 'Manager', '0234567890', 'david@hotmail.com', 50000, TO\_DATE('21-FEB-25', 'DD-MON-YY'), '111');

INSERT INTO Staff (STAFF\_ID, FIRST\_NAME, LAST\_NAME, ROLE, PHONE\_NO, EMAIL, SALARY, HIRE\_DATE, PASSWORD)

VALUES (2, 'Alice', 'Smith', 'Chef', '0876543210', 'alice@hotmail.com', 40000, TO\_DATE('21-FEB-25', 'DD-MON-YY'), '111');

INSERT INTO Staff (STAFF\_ID, FIRST\_NAME, LAST\_NAME, ROLE, PHONE\_NO, EMAIL, SALARY, HIRE\_DATE, PASSWORD)

VALUES (3, 'Michael', 'Brown', 'DeliveryPerson', '0551234567', 'michael@hotmail.com', 35000, TO\_DATE('21-FEB-25', 'DD-MON-YY'), '111');

INSERT INTO Staff (STAFF\_ID, FIRST\_NAME, LAST\_NAME, ROLE, PHONE\_NO, EMAIL, SALARY, HIRE\_DATE, PASSWORD)

VALUES (4, 'Sarah', 'Johnson', 'DeliveryPerson', '0445556666', 'sarah@hotmail.com', 35000,

TO\_DATE('21-FEB-25', 'DD-MON-YY'), '111');

--Category

INSERT INTO Category (CATEGORY\_ID, CATEGORY\_NAME)

VALUES (1, 'Meat Lovers');

INSERT INTO Category (CATEGORY\_ID, CATEGORY\_NAME)

VALUES (2, 'Vegetarian');

INSERT INTO Category (CATEGORY\_ID, CATEGORY\_NAME)

VALUES (3, 'Specialty');

--Crust Type

INSERT INTO CrustType (CRUST\_ID, CRUST\_TYPE, CRUST\_PRICE)

VALUES (1, 'Regular', 2);

INSERT INTO CrustType (CRUST\_ID, CRUST\_TYPE, CRUST\_PRICE)

VALUES (2, 'Cheese Stuffed', 3.5);

INSERT INTO CrustType (CRUST\_ID, CRUST\_TYPE, CRUST\_PRICE)

VALUES (3, 'Deep Pan', 2.75);

INSERT INTO CrustType (CRUST\_ID, CRUST\_TYPE, CRUST\_PRICE)

VALUES (4, 'Thin', 1.5);

--Pizza Size

INSERT INTO PizzaSize (SIZE\_ID, PIZZA\_SIZE, SIZE\_PRICE)

VALUES (1, 'Small', 6.99);

INSERT INTO PizzaSize (SIZE\_ID, PIZZA\_SIZE, SIZE\_PRICE)

VALUES (2, 'Regular', 10.99);

INSERT INTO PizzaSize (SIZE\_ID, PIZZA\_SIZE, SIZE\_PRICE)

VALUES (3, 'Large', 13.99);

INSERT INTO PizzaSize (SIZE\_ID, PIZZA\_SIZE, SIZE\_PRICE)

VALUES (4, 'XLarge', 16.99);

--Pizza

INSERT INTO Pizza (PIZZA\_ID, PIZZA\_NAME, DESCRIPTION, CATEGORY\_ID, BASE\_PRICE)

VALUES (1, 'Pepperoni', 'Pepperoni is a variety of spicy salami...', 1, 6);

INSERT INTO Pizza (PIZZA\_ID, PIZZA\_NAME, DESCRIPTION, CATEGORY\_ID, BASE\_PRICE)

VALUES (2, 'Spicy Sausage Pizza', 'A bold and flavorful delight featu...', 1, 8);

INSERT INTO Pizza (PIZZA\_ID, PIZZA\_NAME, DESCRIPTION, CATEGORY\_ID, BASE\_PRICE)

VALUES (3, 'Nonavailable', 'None', 2, 0);

INSERT INTO Pizza (PIZZA\_ID, PIZZA\_NAME, DESCRIPTION, CATEGORY\_ID, BASE\_PRICE)

VALUES (4, 'Buffalo Chicken Pizza', 'A bold and spicy pizza topped with...', 1, 7);

INSERT INTO Pizza (PIZZA\_ID, PIZZA\_NAME, DESCRIPTION, CATEGORY\_ID, BASE\_PRICE)

VALUES (5, 'Chef Special Pizza', 'A unique and flavorful creation fe...', 3, 9);

INSERT INTO Pizza (PIZZA\_ID, PIZZA\_NAME, DESCRIPTION, CATEGORY\_ID, BASE\_PRICE)

VALUES (6, 'Summer Squash California Style', 'Oakland’s Pizzaiolo satisfies sunn...', 2, 5);

INSERT INTO Pizza (PIZZA\_ID, PIZZA\_NAME, DESCRIPTION, CATEGORY\_ID, BASE\_PRICE)

VALUES (7, 'Bacon Pizza', 'Bacon Pizza is a delicious and sav...', 1, 8);

INSERT INTO Pizza (PIZZA\_ID, PIZZA\_NAME, DESCRIPTION, CATEGORY\_ID, BASE\_PRICE)

VALUES (8, 'BBQ Chicken Pizza', 'BBQ Chicken Pizza is a mouthwateri...', 3, 7);

INSERT INTO Pizza (PIZZA\_ID, PIZZA\_NAME, DESCRIPTION, CATEGORY\_ID, BASE\_PRICE)

VALUES (9, 'Truffle Oil & Mushroom Pizza', 'A rich and savory delight featurin...', 3, 18);

--PaymentMethod

INSERT INTO PaymentMethod (PAYMENT\_METHOD\_ID, METHOD\_NAME)

VALUES (1, 'Apple Pay');

INSERT INTO PaymentMethod (PAYMENT\_METHOD\_ID, METHOD\_NAME)

VALUES (2, 'Credit Card');

INSERT INTO PaymentMethod (PAYMENT\_METHOD\_ID, METHOD\_NAME)

VALUES (3, 'PayPal');

INSERT INTO PaymentMethod (PAYMENT\_METHOD\_ID, METHOD\_NAME)

VALUES (4, 'RevPoints');