CREATE TABLE Customer (

id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(20),

address VARCHAR(20),

phone VARCHAR(20),

city VARCHAR(20)

);

DESCRIBE Customer;

INSERT INTO Customer(name, address, phone, city) VALUES("Mithhu", "Mirpur", "0171300000", "Dhaka");

INSERT INTO Customer(name, address, phone, city) VALUES("Hasan", "Rampura", "0171355555", "Rangpur");

INSERT INTO Customer(name, address, phone, city) VALUES("Mahamudul", "Bazar", "0171399000", "Sylhet");

SELECT \* from Customer;

CREATE TABLE Refrigerator (

id INT PRIMARY KEY AUTO\_INCREMENT,

quantity INT,

name VARCHAR(20)

);

DESCRIBE Refrigerator;

INSERT INTO Refrigerator(quantity, name) VALUES(5, "LG-storage");

INSERT INTO Refrigerator(quantity, name) VALUES(15, "Sony-storage");

INSERT INTO Refrigerator(quantity, name) VALUES(25, "Samsung-storage");

SELECT \* FROM Refrigerator;

DROP TABLE Refrigerator;

CREATE TABLE Dish (

id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(20),

mfg\_date DATE,

expiry\_date DATE,

refrigerator\_id INT,

FOREIGN KEY (refrigerator\_id) REFERENCES Refrigerator(id)

);

DESCRIBE Dish;

INSERT INTO Dish(name, mfg\_date, expiry\_date, refrigerator\_id) VALUES("Salad", "2019-01-01", "2020-01-11", 1);

INSERT INTO Dish(name, mfg\_date, expiry\_date, refrigerator\_id) VALUES("Chicken", "2019-01-21", "2020-01-11", 2);

INSERT INTO Dish(name, mfg\_date, expiry\_date, refrigerator\_id) VALUES("Cheese", "2019-01-31", "2020-01-11", 3);

SELECT \* FROM Dish;

DROP TABLE Dish;

CREATE TABLE Dessert (

id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(20),

mfg\_date DATE,

expiry\_date DATE,

refrigerator\_id INT,

FOREIGN KEY (refrigerator\_id) REFERENCES Refrigerator(id)

);

DESCRIBE Dessert;

INSERT INTO Dessert(name, mfg\_date, expiry\_date, refrigerator\_id) VALUES("Kulfi", "2019-01-01", "2020-01-11", 1);

INSERT INTO Dessert(name, mfg\_date, expiry\_date, refrigerator\_id) VALUES("Barfi", "2019-01-21", "2020-01-11", 2);

INSERT INTO Dessert(name, mfg\_date, expiry\_date, refrigerator\_id) VALUES("Sandesh", "2019-01-31", "2020-01-11", 3);

SELECT \* FROM Dessert;

CREATE TABLE Chef(

id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(20)

);

DESCRIBE Chef;

INSERT INTO Chef(name) VALUES("John");

INSERT INTO Chef(name) VALUES("Myles");

INSERT INTO Chef(name) VALUES("Kennedy");

SELECT \* FROM Chef;

CREATE TABLE Food\_Item (

id INT PRIMARY KEY AUTO\_INCREMENT,

dish\_id INT,

dessert\_id INT,

FOREIGN KEY (dish\_id) REFERENCES Dish(id),

FOREIGN KEY (dessert\_id) REFERENCES Dessert(id)

);

DESCRIBE Food\_Item;

INSERT INTO Food\_Item(dish\_id, dessert\_id) VALUES(1, 1);

INSERT INTO Food\_Item(dish\_id, dessert\_id) VALUES(2, 2);

INSERT INTO Food\_Item(dish\_id, dessert\_id) VALUES(3, 3);

SELECT \* FROM Food\_Item;

CREATE TABLE Food\_Order (

id INT PRIMARY KEY AUTO\_INCREMENT,

order\_time DATETIME,

quantity INT,

customer\_id INT,

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

);

DESCRIBE Food\_Order;

INSERT INTO Food\_Order(order\_time, quantity, customer\_id) VALUES("2019-05-20 6:00", 10, 1);

INSERT INTO Food\_Order(order\_time, quantity, customer\_id) VALUES("2019-05-20 7:00", 8, 2);

INSERT INTO Food\_Order(order\_time, quantity, customer\_id) VALUES("2019-05-20 8:00", 5, 3);

SELECT \* FROM Food\_Order;

CREATE Table Delivery\_Office (

id INT PRIMARY KEY AUTO\_INCREMENT,

order\_id INT,

delivery\_office\_location VARCHAR(20),

FOREIGN KEY (order\_id) REFERENCES Food\_Order(id)

);

DESCRIBE Delivery\_Office;

INSERT INTO Delivery\_Office(order\_id, delivery\_office\_location) VALUES(1, "Dhaka");

INSERT INTO Delivery\_Office(order\_id, delivery\_office\_location) VALUES(2, "Sylhet");

INSERT INTO Delivery\_Office(order\_id, delivery\_office\_location) VALUES(3, "Rangpur");

SELECT \* FROM Delivery\_Office;

CREATE TABLE Delivery\_Guy (

id INT PRIMARY KEY AUTO\_INCREMENT,

name VARCHAR(20),

bike\_id INT,

phone\_no VARCHAR(10),

delivery\_time DATETIME,

delivery\_office\_id INT,

FOREIGN KEY (delivery\_office\_id) REFERENCES Delivery\_Office(id)

);

DESCRIBE Delivery\_Guy;

INSERT INTO Delivery\_Guy(name, bike\_id, phone\_no, delivery\_time, delivery\_office\_id) VALUES("Rahim", 123456, "0171350000", "2019-02-20 06:00", 1);

INSERT INTO Delivery\_Guy(name, bike\_id, phone\_no, delivery\_time, delivery\_office\_id) VALUES("Karim", 456123, "0171390000", "2019-03-20 07:00", 2);

INSERT INTO Delivery\_Guy(name, bike\_id, phone\_no, delivery\_time, delivery\_office\_id) VALUES("Jalil", 125623, "0171380000", "2019-05-10 08:00", 3);

SELECT \* FROM Delivery\_Guy;

CREATE TABLE Payment (

id INT PRIMARY KEY AUTO\_INCREMENT,

order\_id INT,

payment\_method VARCHAR(10),

FOREIGN KEY (order\_id) REFERENCES Food\_Order(id)

);

DESCRIBE Payment;

INSERT INTO Payment(order\_id, payment\_method) VALUES(1, "cash");

INSERT INTO Payment(order\_id, payment\_method) VALUES(2, "online");

INSERT INTO Payment(order\_id, payment\_method) VALUES(3, "card");

SELECT \* FROM Payment;

CREATE TABLE Chef\_Dish (

id INT PRIMARY KEY AUTO\_INCREMENT,

dish\_id INT,

chef\_id INT,

FOREIGN KEY (dish\_id) REFERENCES Dish(id),

FOREIGN KEY (chef\_id) REFERENCES Chef(id)

);

DESCRIBE Chef\_Dish;

INSERT INTO Chef\_Dish(dish\_id, chef\_id) VALUES(1, 1);

INSERT INTO Chef\_Dish(dish\_id, chef\_id) VALUES(2, 2);

INSERT INTO Chef\_Dish(dish\_id, chef\_id) VALUES(3, 3);

SELECT \* FROM Chef\_Dish;

CREATE TABLE Chef\_Dessert (

id INT PRIMARY KEY AUTO\_INCREMENT,

dessert\_id INT,

chef\_id INT,

FOREIGN KEY (dessert\_id) REFERENCES Dessert(id),

FOREIGN KEY (chef\_id) REFERENCES Chef(id)

);

DESCRIBE Chef\_Dessert;

INSERT INTO Chef\_Dessert(dessert\_id, chef\_id) VALUES(1, 1);

INSERT INTO Chef\_Dessert(dessert\_id, chef\_id) VALUES(1, 1);

INSERT INTO Chef\_Dessert(dessert\_id, chef\_id) VALUES(1, 1);

SELECT \* FROM Chef\_Dessert;

CREATE TABLE Food\_Item\_Order (

id INT PRIMARY KEY AUTO\_INCREMENT,

order\_id INT,

item\_id INT,

FOREIGN KEY (order\_id) REFERENCES Food\_Order(id),

FOREIGN KEY (item\_id) REFERENCES Food\_item(id)

);

DESCRIBE Food\_Item\_Order;

INSERT INTO Food\_Item\_Order(order\_id, item\_id) VALUES(1, 1);

INSERT INTO Food\_Item\_Order(order\_id, item\_id) VALUES(2, 2);

INSERT INTO Food\_Item\_Order(order\_id, item\_id) VALUES(3, 3);

SELECT \* FROM Food\_Item\_Order;

CREATE VIEW Menu AS SELECT \* FROM Food\_Item;

DESCRIBE Menu;

SELECT \* FROM Menu;