CREATE DATABASE Newsagent;

USE Newsagent;

CREATE TABLE customers (

customer\_id VARCHAR(50) PRIMARY KEY,

name VARCHAR(100),

address VARCHAR(100),

phone\_number VARCHAR(15),

status VARCHAR(20)

);

CREATE TABLE invoices (

invoice\_id VARCHAR(50) PRIMARY KEY,

customer\_id VARCHAR(50),

total\_cost VARCHAR(50),

reminder BOOLEAN not null default 0,

status VARCHAR(20),

FOREIGN KEY (customer\_id) REFERENCES customers(customer\_id) ON DELETE CASCADE

);

CREATE TABLE publications (

publication\_id VARCHAR(50) PRIMARY KEY,

name VARCHAR(100),

type VARCHAR(20),

frequency VARCHAR(20),

stock VARCHAR(50),

cost VARCHAR(50)

);

CREATE TABLE delivery\_person (

delivery\_person\_id VARCHAR(100) PRIMARY KEY,

name VARCHAR(100),

phone\_number VARCHAR(15)

);

CREATE TABLE delivery\_areas (

delivery\_area\_id VARCHAR(100) PRIMARY KEY,

delivery\_person\_id VARCHAR(100),

delivery\_area\_number VARCHAR(100),

customer\_id VARCHAR(50),

FOREIGN KEY (customer\_id) REFERENCES customers(customer\_id) ON DELETE CASCADE,

FOREIGN KEY (delivery\_person\_id) REFERENCES delivery\_person(delivery\_person\_id) ON DELETE SET NULL

);

CREATE TABLE orders (

order\_id VARCHAR(50) PRIMARY KEY,

delivery\_area VARCHAR(100),

customer\_id VARCHAR(50),

publication\_id VARCHAR(50),

week\_day VARCHAR(10),

FOREIGN KEY (customer\_id) REFERENCES customers(customer\_id) ON DELETE CASCADE,

FOREIGN KEY (publication\_id) REFERENCES publications(publication\_id) ON DELETE CASCADE

);

CREATE TABLE delivery\_dockets (

docket\_id VARCHAR(50) PRIMARY KEY,

delivery\_areas VARCHAR(50),

order\_status VARCHAR(50)

);

INSERT INTO customers (customer\_id, name, address, phone\_number, status) VALUES

('A6666', 'Michael Shelley', 'Tullamore', '123-456-7890', 'active'),

('A33333', 'Gerry Keay', 'Edenderry', '234-567-8901', 'active'),

('A99999', 'Gertrude Robinson', 'Balinagar', '345-678-9012', 'active'),

('A44444', 'Annabelle Cane','Croghan Hill', '456-789-0123', 'active'),

('A22222', 'Jurgen Leitner', 'Daingean', '567-890-1234', 'active');

INSERT INTO invoices (invoice\_id, customer\_id, total\_cost, reminder, status) VALUES

('1', 'A6666', '20', true, 'paid'),

('2', 'A33333', '20', true, 'paid'),

('3', 'A99999', '20', true, 'paid'),

('4', 'A44444', '20', true, 'paid'),

('5', 'A22222', '20', true, 'paid');

INSERT INTO publications (publication\_id, name, type, frequency, stock, cost) VALUES

('P1111', 'Daily Mail', 'newspaper', 'daily', '200', '1.50'),

('P2222', 'Irish Times', 'newspaper', 'bi-weekly', '100', '2.10'),

('P3333', 'RTE', 'newspaper', 'daily', '200', '2.20'),

('P4444', 'National Geographic', 'magazine', 'weekly', '100', '3.20'),

('P5555', 'Home', 'magazine', 'weekly', '100', '2.30');

INSERT INTO delivery\_person (delivery\_person\_id, name, phone\_number) VALUES

('DP1212', 'Joshua Gillespie', '987-789-9090'),

('DP7467', 'Peter Lukas', '212-343-3555'),

('DP2347', 'Jonah Magnus', '656-777-9002'),

('DP7285', 'Robert Montauk', '787-232-0902'),

('DP9299', 'Edwin Burroughs', '788-909-3421');

INSERT INTO delivery\_areas (delivery\_area\_id, delivery\_person\_id, delivery\_area\_number, customer\_id) VALUES

('G12121', 'DP1212', 'G1', 'A6666'),

('G34545', 'DP7467', 'G2', 'A33333'),

('G8659', 'DP2347', 'G3', 'A99999'),

('G98345', 'DP7285', 'G4', 'A44444'),

('G09283', 'DP9299', 'G5', 'A22222');

INSERT INTO orders (order\_id, delivery\_area, customer\_id, publication\_id, week\_day) VALUES

('B1111', 'Galway', 'A6666', 'P1111', 'Monday'),

('B22222', 'Galway', 'A33333', 'P2222', 'Tuesday'),

('B33333', 'Galway', 'A99999', 'P3333', 'Wednesday'),

('B4444', 'Galway', 'A44444', 'P4444', 'Thursday'),

('B5555', 'Galway', 'A22222', 'P5555', 'Friday');

INSERT INTO delivery\_dockets (docket\_id, delivery\_areas, order\_status) VALUES

('D1111', 'Galway', 'active'),

('D2222', 'Galway', 'active'),

('D3333', 'Galway', 'active'),

('D4444', 'Galway', 'active'),

('D5555', 'Galway', 'active');