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

('C1111', 'A6666', '20', '1 week', 'online'),

('C2222', 'A33333', '20', '1 week', 'online'),

('C3333', 'A99999', '20', '1 week', 'online'),

('C4444', 'A44444', '20', '1 week', 'online'),

('C5555', 'A22222', '20', '1 week', 'online');

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');