CREATE DATABASE IF NOT EXISTS amitgameshop;

use amitgameshop;

CREATE TABLE customer (

customer\_id INT PRIMARY KEY AUTO\_INCREMENT,

first\_name varchar(20),

last\_name varchar(40),

email varchar(40),

mobile int,

postcode varchar(10)

);

CREATE TABLE orders (

order\_id int PRIMARY KEY AUTO\_INCREMENT,

order\_date DATE NOT NULL,

order\_quantity int NOT NULL,

customer\_id int,

Foreign Key (customer\_id) References customer(customer\_id)

);

CREATE TABLE products (

product\_id int Primary Key Auto\_Increment,

title varchar(60) NOT NULL,

price decimal(6,2) NOT NULL,

stock int NOT NULL

);

CREATE TABLE orderline (

orderline\_id int PRIMARY KEY AUTO\_INCREMENT,

order\_id int NOT NULL,

product\_id int NOT NULL,

Foreign Key (order\_id) References orders(order\_id),

Foreign Key (product\_id) References products(product\_id));

INSERT INTO customer (first\_name, last\_name, email, mobile, postcode)

Values ('Amit', 'Purohit', 'a@b.com', 11111111, 'SE1 2AA'), ('Jeff', 'Bezos', 'c@d.com', 222222222, 'SE1 2BB'), ('Tom', 'Cruise', 'd@e.com', 333333333, 'SE1 2CC'), ('Kate', 'MIddleton', 'd@e.com', 444444444, 'SE1 2CC'), ('Kate', 'Winslet', 'e@f.com', 555555555, 'SE1 4AC');

INSERT INTO products (title, price, stock)

VALUES ('Call of Duty', 10.50, 1000), ('Armagadon', 23.10, 2000), ('Auto Thief', 12.20, 1800), ('Cindrella', 25.90, 2150), ('War Crimes', 9.00, 500);

INSERT INTO orders (order\_date, order\_quantity, customer\_id) VALUES

('2022-02-10', 1, 1), ('2021-03-12', 1, 2), ('2021-05-10', 1, 3), ('2022-02-10', 1, 4), ('2020-02-10', 1, 5);

INSERT INTO orderline (order\_id, product\_id) Values

(1, 2), (1, 3), (2, 3), (2, 4), (3, 1), (3, 5), (4, 1), (4, 5), (5, 2), (5, 1);

SELECT \* FROM orderline;

SELECT \* FROM orders;

SELECT \* FROM customer;

SELECT \* from products;

SELECT c.first\_name, c.last\_name, p.title FROM customer c

JOIN orders o on c.customer\_id=o.customer\_id

JOIN orderline ol on ol.order\_id=o.order\_id

JOIN products p on p.product\_id=ol.product\_id

WHERE order\_date = '2021-03-12';

DELETE FROM customer where first\_name = 'Jeff';