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--DML

--(1)Write the appropriate SQL queries to insert all the provided records in their
corresponding tables.

CREATE DATABASE CONFECTIONERY;
USE CONFECTIONERY;

--PRODUCT TABLE
CREATE TABLE PRODUCT(
    PRODUCT_NAME VARCHAR(20) PRIMARY KEY,
    PRODUCT_PRICE FLOAT
);

--INSERTING DATA INTO PRODUCT TABLE
INSERT INTO PRODUCT
VALUES('Cookies', 10),
( 'Candy', 5.2),
( 'CHIPS', 200);

SELECT*FROM PRODUCT;

--CUSTOMERS TABLE
CREATE TABLE CUSTOMERS(
    CUSTOMER_ID INT PRIMARY KEY ,
    CUSTOMER_NAME VARCHAR( 50),
    CUSTOMER_ADDRESS VARCHAR(100)
);

--INSERTING DATA INTO CUSTOMERS TABLE
INSERT INTO CUSTOMERS
VALUES(1,'Ahmed','Tunisia'),
(2, 'Coulibaly','Senegal'),
(3, 'Hasan', 'Egypt');
SELECT*FROM CUSTOMERS;

--CREATE ORDER TABLE
CREATE TABLE ORDERS(
    ORDER_ID INT PRIMARY KEY,
    CUSTOMER_ID INT,
    PRODUCT_NAME VARCHAR(20),
    QUANTITY INT,
    ORDER_DATE DATE,
    FOREIGN KEY(CUSTOMER_ID)REFERENCES CUSTOMERS(CUSTOMER_ID),
    FOREIGN KEY(PRODUCT_NAME)REFERENCES PRODUCT(PRODUCT_NAME)
);

--INSERTING DATA INTO ORDERS TABLE

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INSERT INTO ORDERS
VALUES(1201,1,'Cookies',300,'2023-04-03'),
(1202,2,'Candy',1200,'2023-12-11'),
(1203,3,'CHIPS',300,'2024-05-30'),
(1204,2,'CHIPS',4000,'2024-08-15');

--(2)Update the quantity of the second order, the new value should be 6.

UPDATE ORDERS
SET QUANTITY=6
WHERE ORDER_ID=1202;

--(3)Delete the third customer from the customers table.
ALTER TABLE ORDERS
DROP CONSTRAINT FK__ORDERS__CUSTOMER__440B1D61

DELETE FROM CUSTOMERS
WHERE CUSTOMER_ID=3;

--(4)Delete the orders table content then drop the table.
DELETE FROM ORDERS;

DROP TABLE ORDERS;
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