/*Create Database "Orders" + SQL Queries */

product		orders		customer	
product_id int [PK]		date timestamp [PK]		customer_id int [PK]	
prod_name varchar(40)		customer_id int [PK] [FK]		customer_name varchar(25)	
price numeric(5,2) Not Null		product_id int [PK] [FK]			
last_updt_date timestamp		quantity numeric(5,2) Not Null			
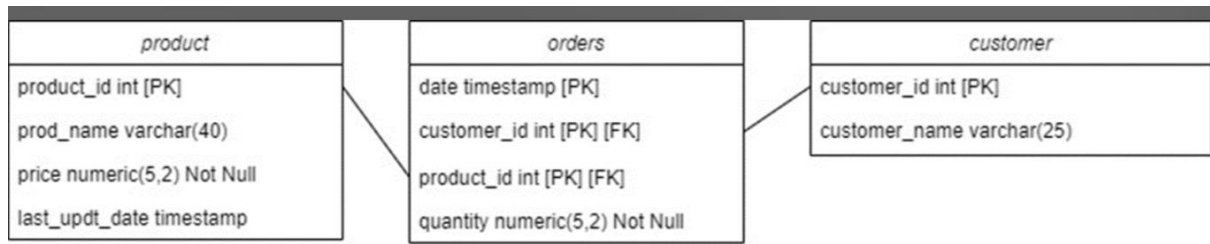
--1 Create Tables
--Create customer table
create table customer(
       customer_id int primary key,
       customer_name varchar(25)
);

select * from customer;

--Create product table
create table product(
       product_id int primary key,
       prod_name varchar(40),
       price numeric(5,2) not null,
       last_updt_date timestamp
);

select * from product;

--Create orders table
create table orders(
       date timestamp,
       customer_id int,
       product_id int,
       quantity numeric(5,2) not null
);

select * from orders;

--Add primary key to the orders tables
alter table orders
add constraint pk_orders primary key (date, customer_id, product_id);

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--Add foreign key to the orders tables
alter table orders
add constraint fk_orders_customer foreign key (customer_id) references
customer(customer_id);

alter table orders
add constraint fk_orders_product foreign key (product_id) references product(product_id);


--Add 5 records on product table
insert into product (product_id, prod_name, price, last_updt_date) values
        (1, 'Purina', 5.99, now()),
        (2, 'Specific', 3.99, now()),
        (3, 'Hills', 6.50, now()),
        (4, 'Virbac', 5.50, now()),
        (5, 'Royal Canin', 7, now())

select * from product;



--Add 5 records on customer table
insert into customer (customer_id, customer_name) values
        (1, 'Maria'),
        (2, 'João'),
        (3, 'Ana'),
        (4, 'Gisela'),
        (5, 'Vanessa');

select * from customer;


--Add 3 records on order table
insert into orders (date, customer_id, product_id, quantity) values
        (now(), 2, 3, 5),
        (now(), 2, 4, 3),
        (now(), 2, 5, 1);

select * from orders;
```