

## Data Manipulation language (DML) Checkpoint

Customer (Customer\_id, customer\_Name, customer\_Tel)

Product (Product\_id, product\_name, category, Price)

Orders ( #Customer\_id, #Product\_id, OrderDate, quantity, total\_amount)

Product			
Product_id	Product_Name	Category	Price
P01	Samsung Galaxy S20	Smartphone	3299
P02	ASUS Notebook	PC	4599

Customer		
Customer_id	Customer_Name	Customer_Tel
C01	ALI	71321009
C02	ASMA	77345823

Orders				
Customer_id	Product_id	OrderDate	Quantity	Total_amount
C01	P02	NULL	2	9198
C02	P01	28/05/2020	1	3299



```
1  -- creating table customer
2  ● ○ CREATE TABLE customer (
3      customer_id VARCHAR(20) PRIMARY KEY,
4      customer_name VARCHAR(20) NOT NULL,
5      ✖ customer_tel NUMBER
6  );
7  -- creating table product
8  ● ○ CREATE TABLE product (
9      product_id VARCHAR(20) PRIMARY KEY,
10     product_name VARCHAR(20) NOT NULL,
11     category VARCHAR(20) NOT NULL,
12     ✖ price NUMBER CHECK (price >0)
13 );
14 -- creating table orders
15 ● ○ CREATE TABLE orders(
16     customer_id VARCHAR(20),
17     product_id VARCHAR(20),
18     OrderDate DATE,
19     ✖ quantity NUMBER CHECK (quantity >0),
20     total_amount NUMBER CHECK (total_amount >0),
21     FOREIGN KEY (customer_id) REFERENCES customer(customer_id),
22     FOREIGN KEY (product_id) REFERENCES product(product_id)
23 );
24
25 -- Inserting values of the table customer
26 ✖ INSERT INTO TABLE customer VALUES
27 ○ (
28     'C01',
29     'ALI',
30     71321009
31 ),
32 ○ (
33     'C01',
34     'ASMA',
35     77345823
36 );
37 -- Inserting values of the table product
```

```

-- Inserting values of the table product
✖ INSERT INTO TABLE product values
(
  'P01',
  'Samsung Galaxy S20',
  'Smartphone',
  3299
),
(
  'P02',
  'ASUS Notebook',
  'PC',
  4599
);

-- Inserting values of the table orders
✖ INSERT INTO TABLE product values
(
  'C01',
  'P01',
  NULL,
  2,
  9198
),
(
  'C02',
  'P02',
  28/05/2020,
  1,
  3299
);

```

This what i have done in mysql workbench