Completed These Challenges as a part of Product Analytics Bootcamp by Doraemon Den

Q1: Find the quantity of each product that was ordered (Product Name, Quantity) *

```
SELECT Products.ProductName, SUM(OrderDetails.Quantity)as Quantity
FROM Products
INNER JOIN OrderDetails ON Products.ProductID  = OrderDetails.ProductId
Group By Products.ProductName
ORDER BY SUM(OrderDetails.Quantity) Desc;
```

Q2: Find the GMV contributed by each product (product name, GMV)

```
SELECT Products.ProductName,SUM(OrderDetails.Quantity*Products.Price) as GMV
FROM Products
INNER JOIN OrderDetails ON Products.ProductID  = OrderDetails.ProductId
Group By Products.ProductName
ORDER BY SUM(OrderDetails.Quantity*Products.Price) Desc;
```

Q3: Find the list of customers whose orders were shipped (First name, Order shipped date)

```
SELECT (Customers.CustomerName), (Orders.OrderDate)as `Date`
FROM Customers
INNER JOIN Orders on Customers.CustomerID = Orders.CustomerID ;
```

Q4: Find the list of product name that was ordered in 2018

```
Select a.ProductName, a.OrderID, year(Orders.OrderDate)as `year`
From
(Select Products.ProductName,OrderDetails.OrderID
FROM Products
INNER JOIN OrderDetails ON Products.ProductID  = OrderDetails.ProductId)
a
INNER JOIN Orders ON a.OrderID = Orders.OrderID
Where year(Orders.OrderDate) = 2018
```