

# E-COMMERCE QUERIES

## 1. List all orders of a customer

```
select customer.first_name, customer.lastname, product.product_name, product.product_price
from customer inner join product inner join orders on product.product_id = orders.product_id
and customer.customer_id = orders.customer_id where customer.customer_id = 1;
```

first_name	lastname	product_name	product_price
Anagha	Sethu	Sandwich Maker	1800
Anagha	Sethu	Cooking Oil	200
Anagha	Sethu	Rice Cooker	6000
Anagha	Sethu	Davincicode	500

## 2. No of orders by customers

```
select customer.first_name, customer.lastname, count(orders.order_id) as total_orders from
customer inner join product inner join orders on product.product_id
= orders.product_id and customer.customer_id = orders.customer_id group by
orders.customer_id;
```

first_name	lastname	total_orders
Anagha	Sethu	4
Dayana	Edwin	2
Devi	Gopinath	3
Imthiyas	Vadakkan	1
Jeevan	John	1
Vrinda	Ravenndran	1
Jini	Ajith	1
Misha	Mohan	3
Rashad	K	1

### 3. Top 10 best-selling products in a week

```
select product.product_name from customer inner join product inner join orders on  
product.product_id = orders.product_id and customer.customer_id = orders.customer_id group  
by (orders.order_id) order by count(orders.order_id) desc limit 10;
```

product_name
Sandwich Maker
Cooking Oil
Rice Cooker
Davincicode
Sapiens
Poco M2 Pro
Ponds Cleanser
Rice Cooker
Poco M2 Pro
Sofa

### 4.Top 5 category

```
select category_name as Top_5_Brands, count(orders.order_id) as Total_Orders from category  
join product join orders on category.category_id = product.category_id and product.product_id  
= orders.product_id group by category.category_id order by count(orders.order_id) desc limit  
5;
```

Top_5_Brands	Total_Orders
Home & Kitchen	6
Electronics & Accessories	4
Furniture	3
Beauty & Skincare	2
Books	2