

DB Session-Task

1)List all orders of a customer

Query:select customer.FirstName,customer.LastName,product.Product_Name from orders inner join customer on orders.Customer_id=customer.Customer_id inner join product on product.Product_id=orders.Product_id where orders.Customer_id=1;

```
mysql> select customer.FirstName,customer.LastName,product.Product_Name from orders inner join customer
on orders.Customer_id=customer.Customer_id inner join product on product.Product_id=orders.Product_id
where orders.Customer_id=1;
+-----+-----+-----+
| FirstName | LastName | Product_Name |
+-----+-----+-----+
| Anagha    | Sethu    | Cooking Oil   |
| Anagha    | Sethu    | Huawei Y9     |
| Anagha    | Sethu    | Fur Remover   |
| Anagha    | Sethu    | Sandwich Maker |
+-----+-----+-----+
4 rows in set (0.70 sec)
```

2)Number of orders by customers

Query: select customer.FirstName,count(orders.Order_id) as TotalOrder from orders inner join customer on orders.Customer_id=customer.Customer_id group by customer.Customer_id;

```
mysql> select customer.FirstName,count(orders.Order_id) as TotalOrder from orders inner join customer o
n orders.Customer_id=customer.Customer_id group by customer.Customer_id;
+-----+-----+
| FirstName | TotalOrder |
+-----+-----+
| Anagha    | 4          |
| Dayana    | 2          |
| Rashad    | 3          |
| Devi      | 1          |
| Imthiyas  | 1          |
| Jeevan     | 1          |
| Vrinda    | 1          |
| Jini      | 3          |
| Misha     | 1          |
+-----+-----+
9 rows in set (0.05 sec)
```

3)Top 10 best selling product

Query:select product.Product_Name,count(orders.Order_id) as NumberOfOrders from product inner join orders on orders.Product_id=Product.Product_id group by product.Product_Name order by count(orders.Order_id) desc limit 10;

```
mysql> select product.Product_Name,count(orders.Order_id) as NumberOfOrders from product inner join orders on orders.Product_id=Product.Product_id group by product.Product_Name order by count(orders.Order_id) desc limit 10;
```

Product_Name	NumberOfOrders
Huawei Y9	5
Ponds Cleanser	2
Fur Remover	2
Rice Cooker	1
Sandwich Maker	1
Sofa	1
Sapiens	1
Cooking Oil	1
OnePlus Band	1
Pista	1

```
10 rows in set (0.15 sec)
```

4)Top 5 category

Query: select category.CategoryName,count(product.Category_id) as NumberOfOrders from product inner join orders on product.Product_id=orders.Product_id inner join Category on product.Category_id=category.Category_id group by category.CategoryName order by count(product.Category_id) desc limit 5;

```
mysql> select category.CategoryName,count(product.Category_id) as NumberOfOrders from product inner join orders on product.Product_id=orders.Product_id inner join Category on product.Category_id=category.Category_id group by category.CategoryName order by count(product.Category_id) desc limit 5;
```

CategoryName	NumberOfOrders
Electronics & Accessories	6
Home & Kitchen	2
Grocery & Gourmet	2
Beauty & Skincare	2
Pet Supplies	2

```
5 rows in set (0.02 sec)
```