

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=6;

```
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=6;
+-----+-----+-----+
| firstName | lastName | product_name |
+-----+-----+-----+
| Jeevan    | GeorgeJohn | Cooking Oil |
+-----+-----+-----+
1 row in set (0.00 sec)
```

2)Number of orders by customers

Query: select

customer.firstname,customer.lastname,count(orders.order_id) as
Total_Orders from orders inner join customer on
orders.customer_id=customer.customer_id
group by orders.customer_id;

```
mysql> select customer.firstname,customer.lastname,count(orders.order_id)
-> as
-> Total_Orders from orders inner join customer
-> customer on orders.customer_id=customer.customer_id
-> group by orders.customer_id;
```

| firstname | lastname | Total_Orders |
|-----------|------------|--------------|
| Anagha | Sethu | 4 |
| Dayana | Edwin | 2 |
| Rashad | K | 3 |
| Devi | Gopinath | 1 |
| imthiyas | vadakkan | 1 |
| Jeevan | GeorgeJohn | 1 |
| vrinda | raveendran | 1 |
| Jini | Ajith | 3 |
| Misha | Mohan | 1 |

9 rows in set (0.00 sec)

3)Top 10 best selling product

Query:select product.product_name,count(orders.order_id) as
Total_orders from
orders inner join product on orders.product_id=product.product_id
where
orders.product_id=orders.product_id group by orders.product_id
order by count(orders.order_id)
desc limit 10;

```
mysql> select product.product_name,count(orders.order_id)
-> as Total_orders from
-> orders inner join product on orders.product_id=product.product_id
-> where
-> orders.product_id=orders.product_id
-> group by orders.product_id order by count(orders.order_id)
-> desc limit 10;
```

| product_name | Total_orders |
|----------------|--------------|
| Huawei Y9 | 4 |
| Sofa | 2 |
| Sapiens | 2 |
| Sandwich Maker | 1 |
| Rice Cooker | 1 |
| DavinciCode | 1 |
| Oneplus Band | 1 |
| Ponds Cleanser | 1 |
| Cooking Oil | 1 |
| Pista | 1 |

10 rows in set (0.03 sec)

4)Top 5 category

Query: select

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

```
mysql> select category.category_id,category.category_name,count(orders.order_id)
-> as
-> totalorders from category join product on category.category_id=product.category_id
-> join orders
-> on product.product_id=orders.product_id
-> group by category.category_id order by
-> count(orders.order_id) desc limit 5;
```

| category_id | category_name | totalorders |
|-------------|-------------------|-------------|
| 1 | Electronics | 5 |
| 8 | Furniture | 4 |
| 2 | Home & Kitchen | 3 |
| 3 | Grocery & Gourmet | 1 |
| 4 | Beauty & Skincare | 1 |

5 rows in set (0.00 sec)