DB session Query tasks.

1) List all orders of a customer
Query: mysql > select customer.firstname,customer.lastname,product.product_name
from orders inner join customer inner join product on orders.customer_id=customer.customer_id
and orders.product_id=product.product_id where orders.customer_id=3;

```
mysql> select customer.firstname,customer.lastname,product.product_name from orders inner join customer inner join product  on orders.customer_id=cust
omer.customer_id and orders.product_id=product.product_id where orders.customer_id=3;
+-----------+----------+----------------+
| firstname | lastname | product_name   |
+-----------+----------+----------------+
| Rashad    | K        | provogue       |
| Rashad    | K        | hand sanitiser |
| Rashad    | K        | hand sanitiser |
+-----------+----------+----------------+
```

2)Number of orders by customers
Query:mysql > 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 on orders.customer_id=custom
er.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    | John      |            1 |
| Vrinda    | Raveendran|            1 |
| Jini      | Ajith     |            3 |
| Misha     | MOhan     |            1 |
+-----------+-----------+--------------+
9 rows in set (0.00 sec)
```

3)Top 10 best selling product
   Query: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;

```
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 |
+-------------------+--------------+
| hand sanitiser    |            5 |
| provogue          |            2 |
| pista             |            1 |
| mcaffine giftbox  |            1 |
| mokobara          |            1 |
| Rice Cooker       |            1 |
| cooking oil       |            1 |
| laser printer     |            1 |
| Sandwitch Maker   |            1 |
| Davincicode       |            1 |
+-------------------+--------------+
10 rows in set (0.00 sec)
```

4)Top 5 category
   Query: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;

```
mysql> 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 |
+-------------+--------------------------+-------------+
|           3 | Grocery and Gourmet      |           7 |
|           5 | Bags,Wallet and luggage  |           3 |
|           2 | Home and Kitchen         |           2 |
|           6 | Pet Supplies             |           1 |
|           1 | Electronics and Accessories |        1 |
+-------------+--------------------------+-------------+
5 rows in set (0.00 sec)
```