Experiment 3 - Virtual Lab - DQL
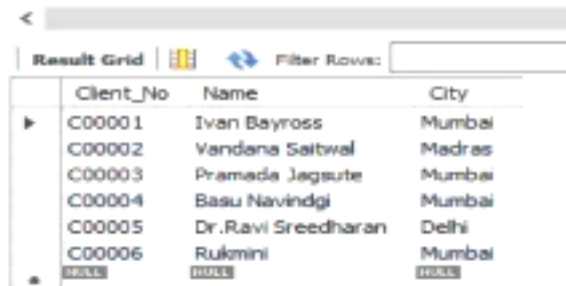
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S5 csb 48

Queries

- SELECT CLIENT_NO, NAME, CITY FROM CLIENT_MASTER;

- SELECT * FROM PRODUCT_MASTER WHERE QTY_NO_HAND<10;

- SELECT * FROM SALESMAN_MASTER WHERE CITY='Maharashtra';

- SELECT SALE_ORDER_DETAILS.* FROM SALE_ORDER_DETAILS,
  SALES_ORDER_SALESMAN_MASTER WHERE
- SALE_ORDER_DETAILS.ORDER_NO=SALES_ORDER.ORDER_NO AND
  SALES_ORDER.SALESMAN_NO=SALESMAN_MASTER.SALESMAN_NO AND
  SALESMAN_MASTER.SALESMAN_NAME='Kiran';

- SELECT SALE_ORDER_DETAILS.* FROM SALE_ORDER_DETAILS, SALES_ORDER WHERE
  SALES_ORDER.ORDER_NO=SALE_ORDER_DETAILS.ORDER_NO AND
  SALES_ORDER.ORDER_STATUS='In Process';

- SELECT COUNT(ORDER_NO) ORDERS FROM SALES_ORDER;

- SELECT AVG(COST_PRICE) CP_AVERAGE, AVG(SEL_PRICE) SP_AVERAGE FROM
  PRODUCT_MASTER;

- SELECT NAME, CITY, STATE FROM CLIENT_MASTER; WHERE STATE!='Maharashtra';

Output

1.

```
1 •    select Client_No,Name,City
2      from client_master;
```
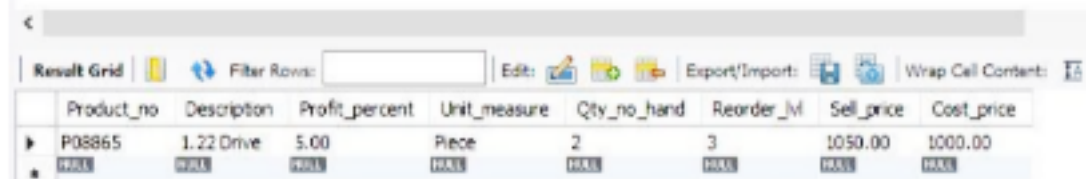
Client_No	Name	City
C00001	Ivan Bayross	Mumbai
C00002	Vandana Saitwal	Madras
C00003	Pramada Jagsute	Mumbai
C00004	Basu Navindgi	Mumbai
C00005	Dr.Ravi Sreedharan	Delhi
C00006	Rukmini	Mumbai
NULL	NULL	NULL

2.

```
1 •    select * from product_master
2      where Qty_no_hand<10;
```

Product_no	Description	Profit_percent	Unit_measure	Qty_no_hand	Reorder_lvl	Sell_price	Cost_price
P08865	1.22 Drive	5.00	Piece	2	3	1050.00	1000.00
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

3.

```
1 •   select * from salesman_master
2     where State='Maharashtra';
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

salesman_no	Salesman_name	Address1	Address2	City	Pincode	State	Sal_amt	Tgt_to_get	Ytd_sales	Remarks
S00001	Kiran	A/14	Worli	Mumbai	400002	Maharashtra	3000.00	100.00	50.00	Good
S00002	Manish	65	Nariman	Mumbai	400001	Maharashtra	3000.00	200.00	100.00	Good
S00003	Ravi	P-7	Bandra	Mumbai	400032	Maharashtra	3000.00	200.00	100.00	Good
S00004	Aashish	A/5	Juhu	Mumbai	400044	Maharashtra	3500.00	200.00	150.00	Good
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

4.

```
1 •   select sale_order_details.* from sale_order_details,sales_order,salesman_master
2     where sale_order_details.order_no=sales_order.order_no
3     and sales_order.Salesman_no=salesman_master.salesman_no
4     and salesman_master.Salesman_name='Kiran';
5
6
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

order_no	Product_no	Qty_ordered	Qty_disp	Product_rate
O19001	P00001	4	4	525.00
O19001	P07885	2	1	5250.00
O19001	P07965	2	1	8400.00
O19003	P03453	2	2	1050.00
O19003	P06734	1	1	1050.00

5.

```
1 •   select sale_order_details.* from sale_order_details,sales_order
2     where sales_order.order_no=sale_order_details.order_no
3     and sales_order.Order_status='In Process';
4
5     |
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

order_no	Product_no	Qty_ordered	Qty_disp	Product_rate
O19001	P00001	4	4	525.00
O19001	P07885	2	1	5250.00
O19001	P07965	2	1	8400.00
O19008	P00001	10	5	525.00
O19008	P07975	5	3	1050.00

6.

```
1 •   select count(order_no) Orders from sales_order;
2     |
3
4
```

Result Grid | Filter Rows: | Export: | Wrap Ce

Orders
6

7.

```
1 ●    select avg(Cost_price) CP_Average, avg(Sell_price) SP_Average
2      from product_master;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

CP_Average	SP_Average
4492.222222	3666.666667

8.

```
1 ●    select Name, City, State from client_master
2      where State!='Maharashtra';
3
```

Result Grid | Filter Rows: | Export: | V

Name	City	State
Vandana Saitwal	Madras	Tamil Nadu
Dr.Ravi Sreedharan	Delhi	Delhi