

## Practical -5

### UNION , MINUS , INTERSECT , SUBQUERY

1. Display those productno which are not ordered yet. (hint use NOT IN operator)

```
select productno from product_master where productno not  
in(select productno from sales_order_details);
```

```
+-----+  
| productno |  
+-----+  
| P07865    |  
| P08865    |  
+-----+
```

2. Display those product no which are common insales\_order\_detail and product table.

```
select productno from product_master where productno in(select productno  
from sales_order_details);
```

```
+-----+  
| productno |  
+-----+  
| P00001    |  
| P0345     |  
| P06734    |  
| P07868    |
```

P07885	
P07965	
P07975	
+-----+	

### 3. Display only those product description whose delivery type is full.

```
select description from product_master where productno in(
    select productno from sales_order_details where orderno in (
        select orderno from sales_order where delytype='f'));
```

+-----+	
description	
+-----+	
T-Shirts	
Shirts	
Cotton jeans	
Trousers	
pull overs	
demin Shirts	
lycra tops	
+-----+	

#### 4. Display details of those product whose product sell price is less than sell price of product p0345.

```
select * from product_master where sellprice < (  
select sellprice from product_master where productno = 'p0345');
```

```
+-----+-----+-----+-----+-----+-----+  
| productno | description | unitmeasure | qtyonhand | reordervl | sellprice | costprice |  
+-----+-----+-----+-----+-----+-----+  
| P00001 | T-Shirts | Piece | 200 | 50 | 350.00 | 250.00 |  
| P07965 | demin Shirts | Piece | 100 | 4 | 350.00 | 250.00 |  
| P07975 | lycra tops | Piece | 70 | 30 | 300.00 | 175.00 |  
| P08865 | skirts | Piece | 75 | 30 | 450.00 | 300.00 |  
+-----+-----+-----+-----+-----+-----+
```

#### 5. Select client name whose order status is “inprogress”.

```
select name from client_master where clientno in (  
select clientno from sales_order where orderstatus='In Process');
```

```
+-----+  
| name |  
+-----+  
| Korth |  
| hansel |  
+-----+
```

**6. Select salesman name whose order status is cancelled.**

```
select salesmanname from salesman_master where salesmanno in(  
    select salesmanno from sales_order where orderstatus='Cancelled');
```

```
+-----+  
| salesmanname |  
+-----+  
| Omkar      |  
+-----+
```

**7. select client name whos has ordered[orderdate] before '2005-01-01'**

```
select name from client_master where clientno in(  
select clientno from sales_order where orderdate < '2005-01-01');
```

```
+-----+  
| name  |  
+-----+  
| Korth |  
| mamta |  
| chhaya |  
| ashwini |  
| hansel |  
+-----+
```

**8. Display only those salesman who have not any order . (hint use NOT IN operator)**

```
select salesmanname from salesman_master where salesmanno not in (  
    select salesmanno from sales_order);
```

```
+-----+  
| salesmanname |  
+-----+  
| Nikhil      |  
+-----+
```

**9. display client name whose order delytype is “f”**

```
select name from client_master where clientno in (  
select clientno from sales_order where delytype='f');
```

```
+-----+  
| name  |  
+-----+  
| Korth |  
| chhaya |  
| hansel |  
+-----+
```

**10. display the client whose order is supplied by 's00002'**

```
select name from client_master where clientno in (  
select clientno from sales_order where salesmanno = 'S00002');
```

```
+-----+  
| name  |  
+-----+  
| mamta |  
| ashwini |  
+-----+
```