

SUBQUERIES:

CUSTOMER TABLE:

CUST_ID	NAME	OCCUPATION	AGE
101	PETER	ENGINEER	32
102	JOSEPH	DEVELOPER	30
103	JOHN	LEADER	28
104	STEPHEN	SCIENTIST	45
105	SUZI	CARPENTER	26
106	BOB	ACTOR	25
107	NULL	NULL	NULL

create table customer

(Cust_ID int,

Name varchar (10),

Occupation varchar (20),

Age int);

insert into customer

values (101,'Peter','Engineer',32),

(102,'Joseph','Developer',30),

(103,'John','Leader',28),

(104,'Stephen','Scientist',45),

```
(105,'Suzi','Carpenter',26),  
(106,'bob','Actor',25),  
(107,null,null,null);
```

```
select * from customer;
```

ORDERS TABLE:

ORDER_ID	CUST_ID	PROD_NAME	ORDER_DATE
1	101	LAPTOP	2022-01-10
2	103	DESKTOP	2022-02-11
3	106	IPHONE	2022-03-13
4	104	MOBILE	2022-03-05
5	102	TV	2022-03-20

```
create table orders
```

```
(Order_ID int,
```

```
Cust_ID int,
```

```
Prod_Name varchar(10),
```

```
Order_Date date);
```

```
insert into orders
```

```
values (1,101,'Laptop','2022-01-10'),
```

```
(2,103,'Desktop','2022-02-11'),
```

```
(3,106,'Iphone','2022-03-13'),
```

```
(4,104,'Mobile','2022-03-05'),
```

```
(5,102,'TV','2022-03-20');
```

```
select * from orders;
```

1. Find the details of the customers whose details is not in the customer table.

➤

```
select * from customer  
where Cust_id NOT IN (select Cust_id from customer);
```

2. The customer details who have not placed an order.

➤

```
Select * from customer  
Where cust_id not in ( select cust_id from orders);
```

3. Find the name of the customers who has purchased laptop.

➤

```
Select name from customer  
Where cust_id in (select cust_id from orders where  
prod_name='laptop');
```

4. Find the details of customers who purchased iphone.

➤

```
Select * from customer  
Where cust_id in (select cust_id from orders where  
prod_name='laptop');
```

➤

5. Find the details of the customers whose details is not in the orders table.

➤

```
select * from customer  
where Cust_id NOT IN (select Cust_id from orders);
```

6. How many customers from customers table has made an order.

➤

```
Select count(*) from customer  
Where cust_id in ( select cust_id from orders);
```