

ASSIGNMENT

Q. 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

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

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

select * from customer where
name is null or
occupation is null or
age is null ;

```
370  -- 1.Find the details of the customers whose details is not in the customer table.
371  •  select * from customer where
372      name is null or
373      occupation is null or
374      age is null ;
```

Result Grid			
Filter Rows:	Edit:	Export/Import:	Wrap Cell Content:
cust_id	name	occupation	age
107	NULL	NULL	NULL
*	NULL	NULL	NULL

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

SELECT c.cust_id ,c.Name
FROM customer c
LEFT JOIN orders o ON o.cust_id = c.cust_id
WHERE order_id IS NULL;

```
376  -- 2.The customer details who have not placed an order.
377  •  SELECT c.cust_id ,c.Name
378      FROM customer c
379      LEFT JOIN orders o ON o.cust_id = c.cust_id
380      WHERE order_id IS NULL;
```

Result Grid	
Filter Rows:	Export:
cust_id	Name
105	Suzi
107	NULL

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

```
select c.cust_id, c.name, o.prod_name
from customer c
inner join orders o on o.cust_id = c.cust_id
where prod_name = 'Laptop';
```

```
382 -- 3.Find the name of the customers who has purchased laptop.
383 • select c.cust_id, c.name, o.prod_name
384 from customer c
385 inner join orders o on o.cust_id = c.cust_id
386 where prod_name = 'Laptop';
```

Result Grid				Filter Rows:	Export:	Wrap Cell Content:
	cust_id	name	prod_name			
▶	101	Peter	Laptop			

4. Find the details of customers who purchased iphone.

```
select *
from customer c inner join orders o
on o.cust_id = c.cust_id
where prod_name = 'iphone';
```

```
388 -- 4.Find the details of customers who purchased iphone.
389 • select *
390 from customer c inner join orders o
391 on o.cust_id = c.cust_id
392 where prod_name = 'iphone';
```




Result Grid									Filter Rows:	Export:	Wrap Cell Content:
	cust_id	name	occupation	age	order_id	cust_id	prod_name	order_date			
▶	106	Bob	Actor	25	3	106	iphone	2022-03-13			

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

```
SELECT c.cust_id, c.name , c.occupation, c.age  
FROM customer c left JOIN orders o  
ON o.cust_id = c.cust_id  
WHERE order_id IS NULL;
```




```
394 -- 5.Find the details of the customers whose details is not in the orders table.  
395 • SELECT c.cust_id, c.name , c.occupation, c.age  
396 FROM customer c left JOIN orders o  
397 ON o.cust_id = c.cust_id  
398 WHERE order_id IS NULL;
```

<				
Result Grid  Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 				
	cust_id	name	occupation	age
▶	105	Suzi	Carpenter	26
	107	NULL	NULL	NULL

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

```
select count(c.cust_id) as no_of_customers_who_made_order  
from customer c inner JOIN orders o  
ON o.cust_id = c.cust_id;
```

```
400 -- 6.How many customers from customers table has made an order.  
401 • select count(c.cust_id) as no_of_customers_who_made_order  
402 from customer c inner JOIN orders o  
403 ON o.cust_id = c.cust_id;
```

<	
Result Grid  Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 	
	no_of_customers_who_made_order
▶	5