Name: Yash Sanjay Barde Email: <u>12yashbarde@gmail.com</u>

Phone no.: 9403642310

ASSIGNMENT

Q. SUBQUERIES:

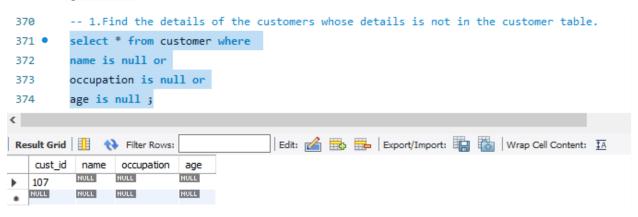
CUSTOMER TABLE:

ORDERS TABLE:

CUST_ID	NAME	OCCUPATION	AGE				
101	PETER	ENGINEER	32	ORDER_ID	CUST_ID	PROD_NAME	ORDER_DATE
102	JOSEPH	DEVELOPER	30	1	101	LAPTOP	2022-01-10
103	JOHN	LEADER	28				
104	STEPHEN	SCIENTIST	45	2	103	DESKTOP	2022-02-11
105	SUZI	CARPENTER	26	3	106	IPHONE	2022-03-13
106	BOB	ACTOR	25	4	104	MOBILE	2022-03-05
107	NULL	NULL	NULL	5	102	TV	2022-03-20
107	NOLL	NOLL	NOLL				

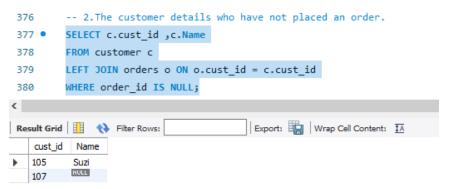
1. Find the details of the customers whose details is not in the customer table.

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



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;



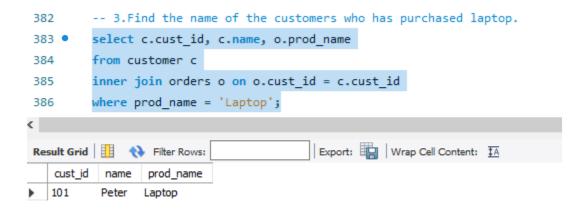
Name: Yash Sanjay Barde Email: <u>12yashbarde@gmail.com</u>

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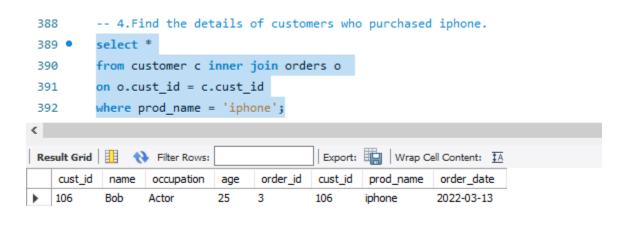
3. Find the name of the customers who has purchased laptop.

```
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';
```



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';
```



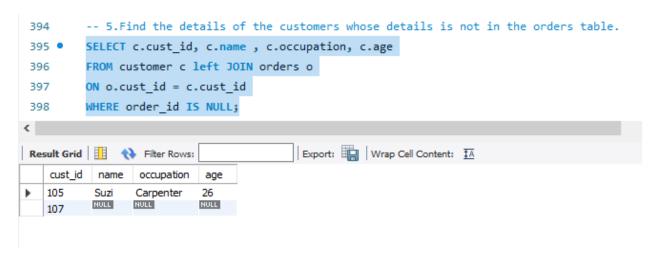
Name: Yash Sanjay Barde Email: <u>12yashbarde@gmail.com</u>

Phone no.: 9403642310

ASSIGNMENT

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;



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;

