DEV JATINBHAI PATEL

CE076

20CEUOS018

DBMS LAB-7
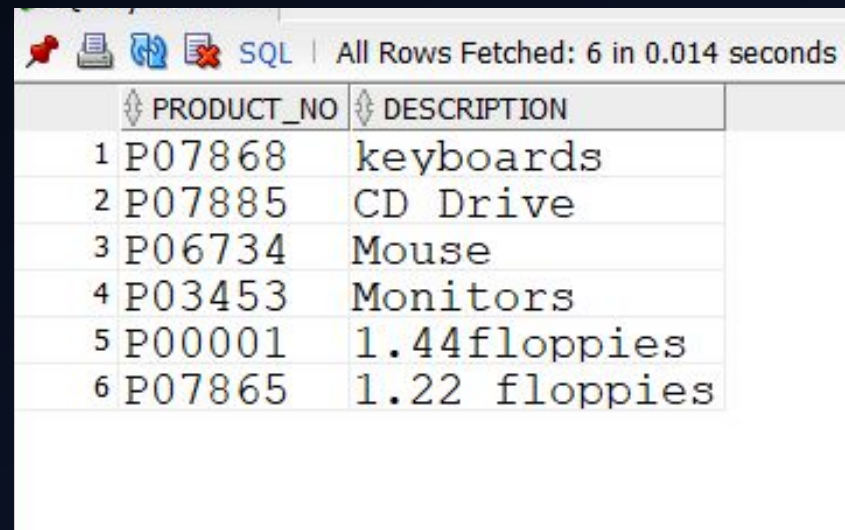
1. Find the product_no and description of non- moving products.

SELECT product_no,description FROM product_master

WHERE product_no IN (SELECT product_no FROM sales_order_details

WHERE s_order_no IN (SELECT s_order_no FROM sales_order

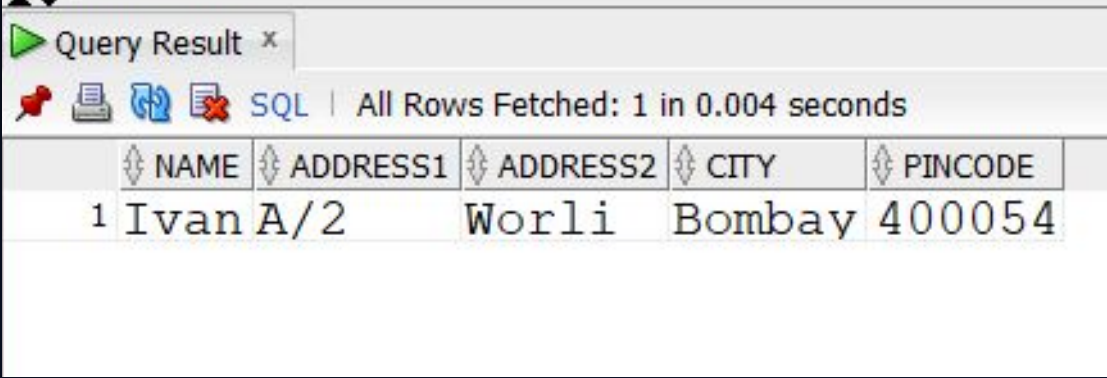WHERE order_status = 'fulfilled' OR order_status = 'cancelled'));

	PRODUCT_NO	DESCRIPTION
1	P07868	keyboards
2	P07885	CD Drive
3	P06734	Mouse
4	P03453	Monitors
5	P00001	1.44floppies
6	P07865	1.22 floppies

SQL | All Rows Fetched: 6 in 0.014 seconds

2.Find the customer name, address, city and pincode for the client who has placed order no "O19001".

select name,address1,address2, city , pincode from client_master where

client_no in (select client_no from sales_order where s_order_no = 'O19001');

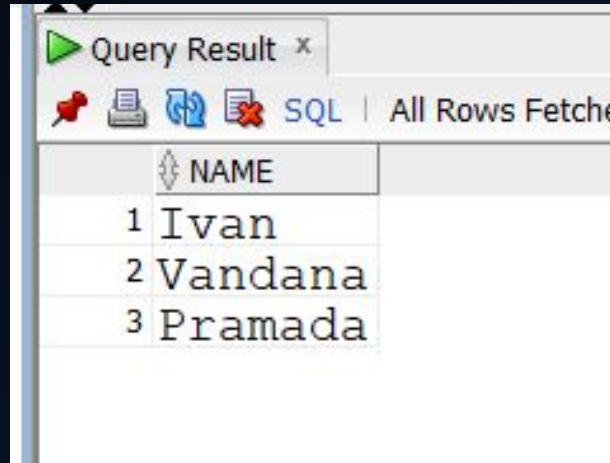3.Find the client names who have placed an order before the month of May 96.

select name from client_master where

client_no in(select client_no from sales_order where order_date < '01-05-1996');

4.Find out if product "1.44 floppies" is ordered by only one client to whom it has been delivered, print the client_no, name of that client.

select client_no,name from client_master

 where client_no in(select client_no from sales_order

 where order_status = 'fulfilled' AND s_order_no in(select s_order_no

 from sales_order_details

 where product_no in(select product_no from product_master

 where description = '1.44floppies' group by(product_no) having

count(client_no)=1)));

Query Result X

SQL | All Rows Fetched: 1 in 0.088 seconds

CLIENT_NO	NAME
1 0001	Ivan

5. find the names of client who have placed orders worth Rs.10000 or more.
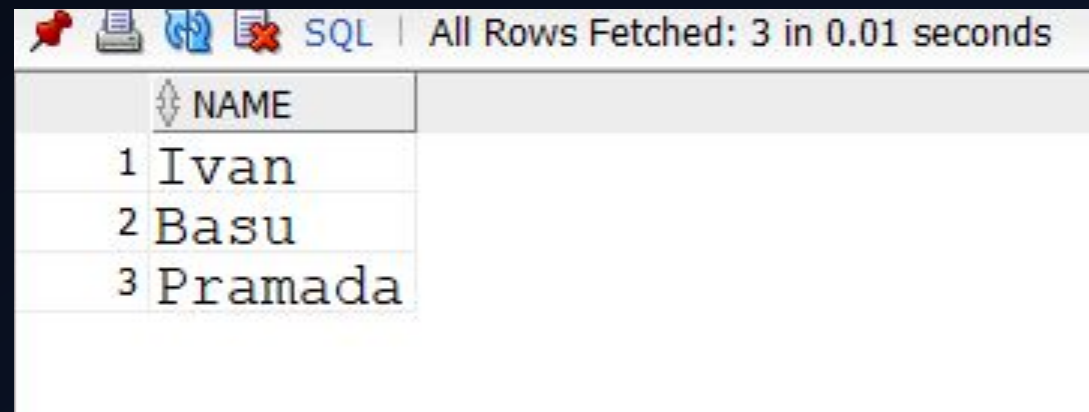
select name from client_master

 where client_no in(select client_no from sales_order

 where s_order_no in(select s_order_no from sales_order_details group

by(s_order_no) having sum(qty_order*product_rate)>=10000)

 group by(client_no));

SQL | All Rows Fetched: 3 in 0.01 seconds
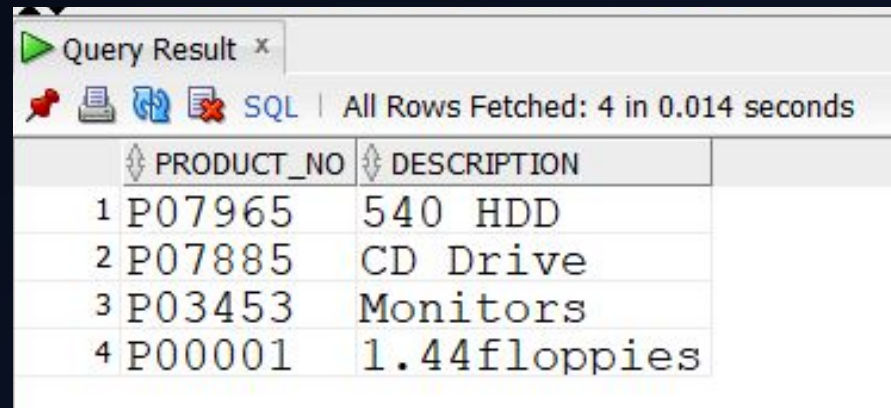
NAME
1 Ivan
2 Basu
3 Pramada

6.Select the orders placed by 'Ivan'

select product_no , description from product_master where product_no in

(select product_no from sales_order_details where s_order_no in

(select s_order_no from sales_order where client_no in

(select client_no from client_master where name = 'Ivan')));

Query Result ×

SQL | All Rows Fetched: 4 in 0.014 seconds

	PRODUCT_NO	DESCRIPTION
1	P07965	540 HDD
2	P07885	CD Drive
3	P03453	Monitors
4	P00001	1.44floppies

7. Select all the clients and the salesman in the city of Bombay.

(select name from client_master where city = 'Bombay' group by name)

UNION all

(select sal_names from sales_master where city = 'Mumbai' group by sal_names);

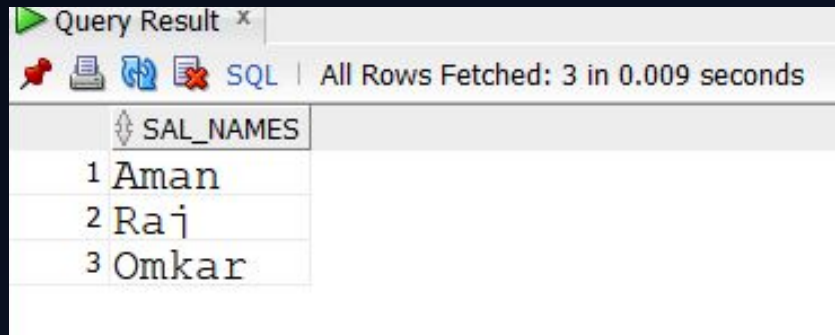8. Select salesman name in "Bombay" who has at least one client located at "Bombay"

select sal_names from sales_master where salesman_no in

(select salesman_no from sales_order where client_no in

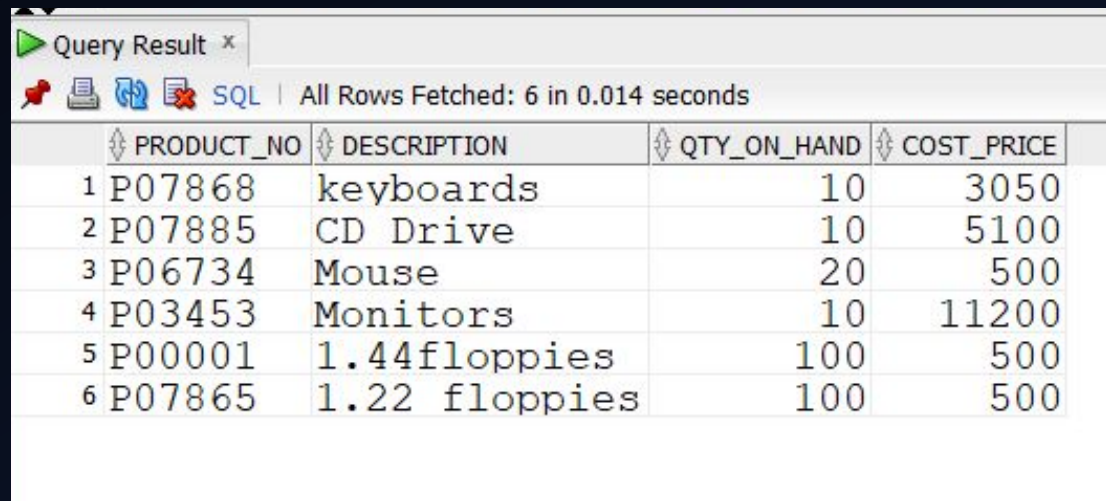(select client_no from client_master where city = 'Bombay')) and sales_master.city = 'Mumbai';

9. Select the product_no, description, qty_on-hand,cost_price of non_moving items in the product_master table.

SELECT product_no,description,qty_on_hand,cost_price FROM

product_masterWHERE product_no IN (SELECT product_no FROM sales_order_detailsWHERE s_order_no IN (SELECT s_order_no FROM sales_orderWHERE order_status = 'fulfilled' OR order_status = 'cancelled'));

Query Result ×

SQL | All Rows Fetched: 6 in 0.014 seconds

	PRODUCT_NO	DESCRIPTION	QTY_ON_HAND	COST_PRICE
1	P07868	keyboards	10	3050
2	P07885	CD Drive	10	5100
3	P06734	Mouse	20	500
4	P03453	Monitors	10	11200
5	P00001	1.44floppies	100	500
6	P07865	1.22 floppies	100	500