



DEV JATINBHAI PATEL

CE076

20CEUOS018

DBMS LAB-7



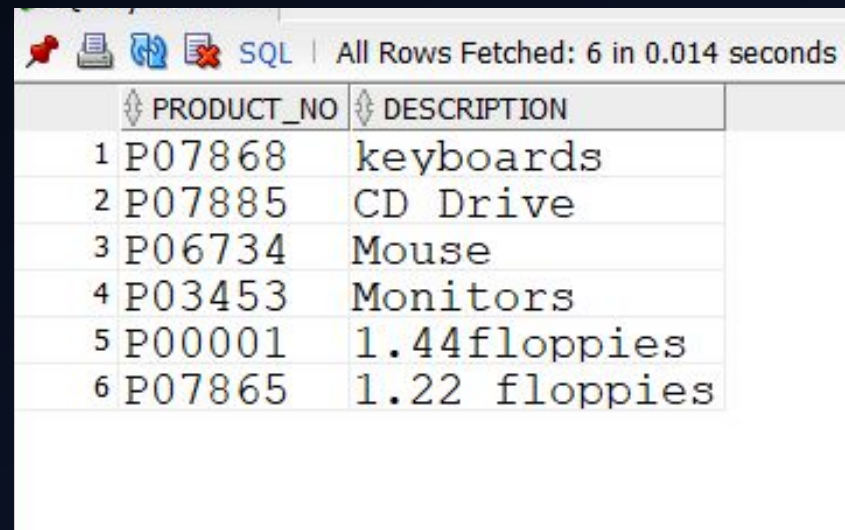
1. Find the product\_no and description of non- moving products.

```
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'));
```



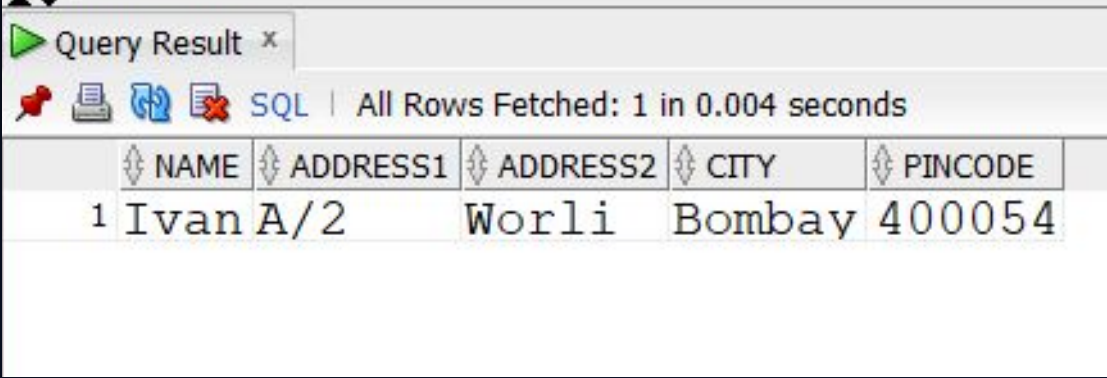
The screenshot shows a SQL query result window with the title "SQL | All Rows Fetched: 6 in 0.014 seconds". The window contains a table with two columns: "PRODUCT\_NO" and "DESCRIPTION". The table has 6 rows of data, numbered 1 through 6 in the first column.

	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

2. Find the customer name, address, city and pincode for the client who has placed order no "019001".

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

```
client_no in (select client_no from sales_order where s_order_no =  
'019001');
```



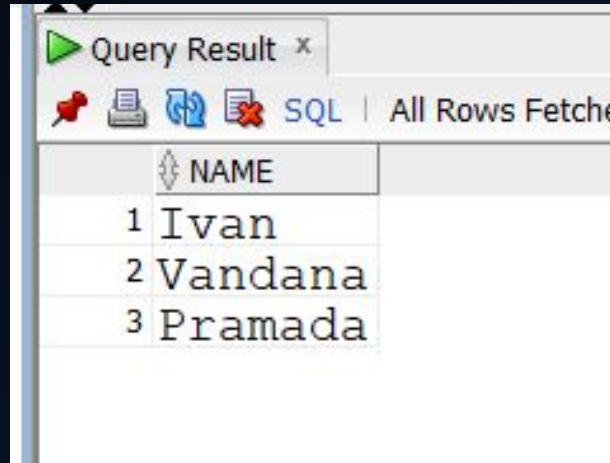
The screenshot shows a 'Query Result' window with a toolbar containing icons for a pin, print, refresh, and SQL editor. The status bar indicates 'All Rows Fetched: 1 in 0.004 seconds'. The result is displayed in a table with five columns: NAME, ADDRESS1, ADDRESS2, CITY, and PINCODE. The first row contains the data for Ivan A/2, Worli, Bombay, with pincode 400054.

	NAME	ADDRESS1	ADDRESS2	CITY	PINCODE
1	Ivan	A/2	Worli	Bombay	400054

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');



The screenshot shows a 'Query Result' window with a toolbar containing icons for a pin, print, refresh, and SQL editor, along with the text 'All Rows Fetched'. Below the toolbar is a table with a single column labeled 'NAME'. The table contains three rows of data, each with an index number in the first column and a name in the second column.

	NAME
1	Ivan
2	Vandana
3	Pramada

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)));
```



The screenshot shows a 'Query Result' window with a toolbar containing icons for a pin, print, copy, and delete, along with an 'SQL' label. The status bar indicates 'All Rows Fetched: 1 in 0.088 seconds'. The result table has two columns: 'CLIENT\_NO' and 'NAME'. A single row is displayed with the values '1 0001' and 'Ivan'.

CLIENT_NO	NAME
1 0001	Ivan

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

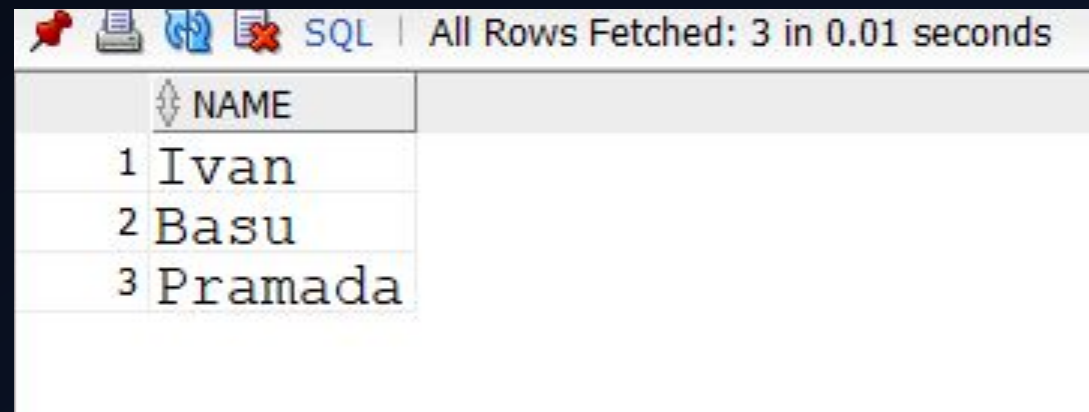
```
select name from client_master
```

```
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));
```



The screenshot shows a database query result window. The title bar includes icons for a pin, print, refresh, and close, followed by the text "SQL | All Rows Fetched: 3 in 0.01 seconds". The table has a single column labeled "NAME" with a sort icon. It contains three rows of data, each with an index number and a name.

	NAME
1	Ivan
2	Basu
3	Pramada

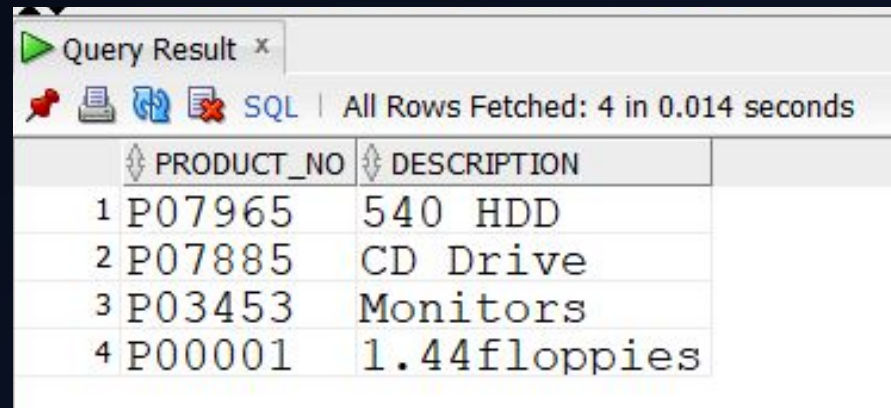
## 6. Select the orders placed by 'Ivan'

```
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')));
```



The screenshot shows a 'Query Result' window with a toolbar containing icons for a pin, print, refresh, and delete, along with a 'SQL' label. Below the toolbar, it states 'All Rows Fetched: 4 in 0.014 seconds'. The table below has two columns: 'PRODUCT\_NO' and 'DESCRIPTION'. The data rows are numbered 1 through 4.

	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);



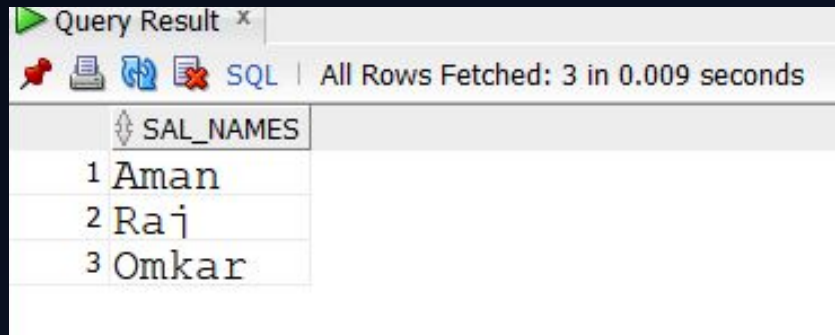
The screenshot shows a window titled 'Script Output x' and 'Query Res'. Below the title bar is a toolbar with icons for a red pin, a printer, a refresh, a document with a red X, and a document with a green checkmark. To the right of the toolbar are the labels 'SQL' and 'All Rows'. The main area of the window displays a table with a single column labeled 'NAME'. The table contains eight rows of data, each with a row number and a name.

	NAME
1	Pramada
2	Ivan
3	Basu
4	Rukmini
5	Raj
6	Ashish
7	Aman
8	Omkar



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';
```

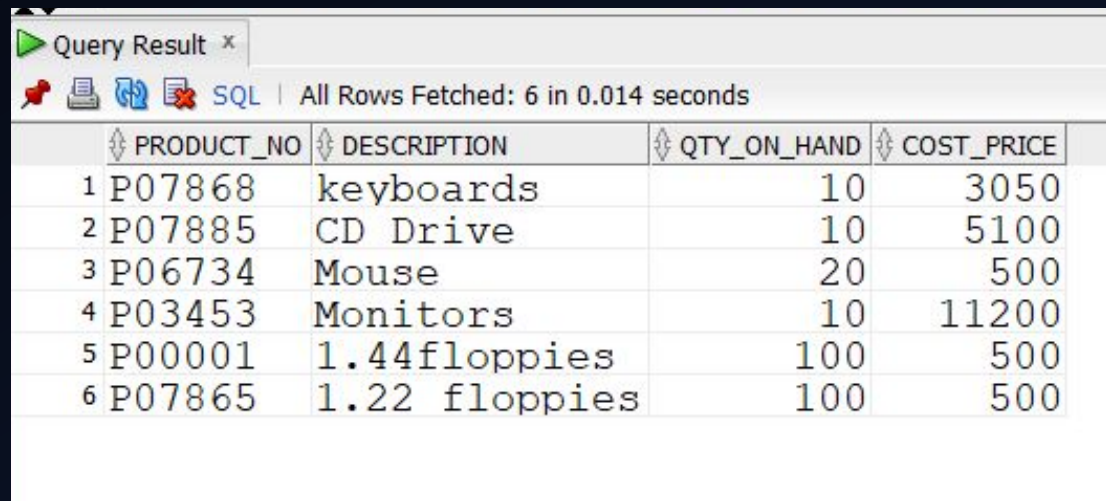


The screenshot shows a 'Query Result' window with a toolbar containing icons for a pin, print, refresh, and SQL editor. The status bar indicates 'All Rows Fetched: 3 in 0.009 seconds'. The table has a single column named 'SAL\_NAMES' and contains three rows of data.

SAL_NAMES
1 Aman
2 Raj
3 Omkar

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'));
```



The screenshot shows a 'Query Result' window with a table of 6 rows. The columns are PRODUCT\_NO, DESCRIPTION, QTY\_ON\_HAND, and COST\_PRICE. The data is as follows:

	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