Database Management Systems Lab Experiment No: - 08 Aim: - Implement Joins and Nested SQL Queries

Joins:-

1) find out the product which has been sold to 'ivan bayroos'.

Output:

2) find the product_no and description of moving products.

Query : SELECT p.product_no, p.description FROM Product_master p, Sales_order s, Sales_order_details
 sd, Client_master c WHERE p.product_no = sd.product_no AND s.client_no = c.client_no AND
 s.s_order_no = sd.s_order_no AND sd.Qty_disp > 0;

Output:

product_no	description
00001	1.44 Floppies
07885	CD Drive
07965	540 HDD
03453	Monitors
06734	Mouse
00001	1.44 Floppies
03453	Monitors
07868	Keyboards
07885	CD Drive

TSEC

Batch:-

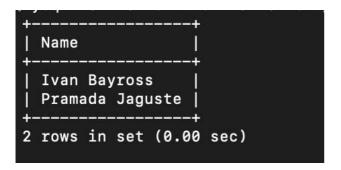
S21

Name & Roll No:- Meet Raut, 2201084

Database Management Systems Lab Experiment No: - 08 Aim: - Implement Joins and Nested SQL Queries

3) find the names of the clients who have purchased 'CD Drive'.

Output:



4) List the product_no and s_order_no of customers having qty_ordered less than 5 from the order detail Table for the product '1.44 Floppies'.

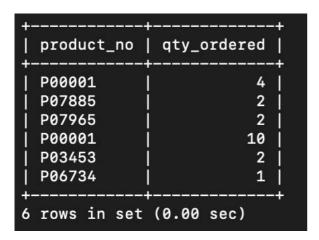
Output:

Database Management Systems Lab Experiment No: - 08 Aim: - Implement Joins and Nested SQL Queries

5) Find the products and their quantities for the orders placed by 'Vandana Saitwal' and 'Ivan Bayross'.

Query : SELECT sd.product_no, sd.qty_ordered FROM Sales_order_details sd JOIN Sales_order so ON
 sd.s_order_no = so.s_order_no JOIN Client_master c ON so.client_no = c.client_no WHERE
 c.Name IN ('Vandana Saitwal', 'Ivan Bayross');

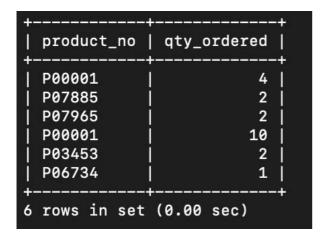
Output:



6) Find the products and their quantities for the orders placed by client_no'C00001' and 'C00002'.

Query: SELECT sd.product_no, sd.qty_ordered FROM Sales_order_details sd JOIN Sales_order so ON sd.s_order_no = so.s_order_no WHERE so.client_no IN ('C00001', 'C00002');

Output:



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Database Management Systems Lab Experiment No: - 08 Aim: - Implement Joins and Nested SQL Queries

Nested Oueries:-

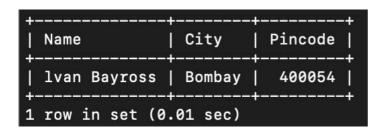
1) Find the product_no and description of non-moving products (eg. products not being sold).

Output:

2) Find the customers name ,city and pincode for the client who has placed order no "O19001'.

Query : SELECT Name, City, Pincode FROM Client_master WHERE Client_no IN (SELECT client_no FROM Sales_order WHERE S_order_no = 'O19001');

Output:



Conclusion:- LO mapped LO2,LO3.