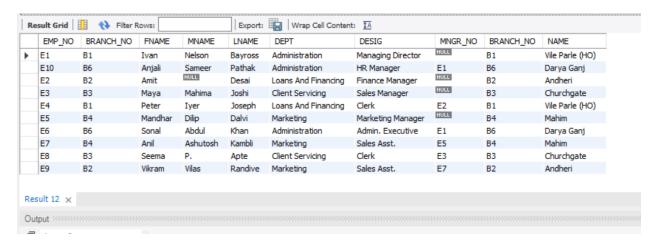
Lab Assignment 6

Program 1: List the employee details along with branch names to which they belong.

Source Code:

SELECT * FROM EMP_MSTR INNER JOIN BRANCH_MSTR ON EMP_MSTR.BRANCH_NO = BRANCH_MSTR.BRANCH_NO;



Program 2: List the customers along with their multiple address details.

Source Code:

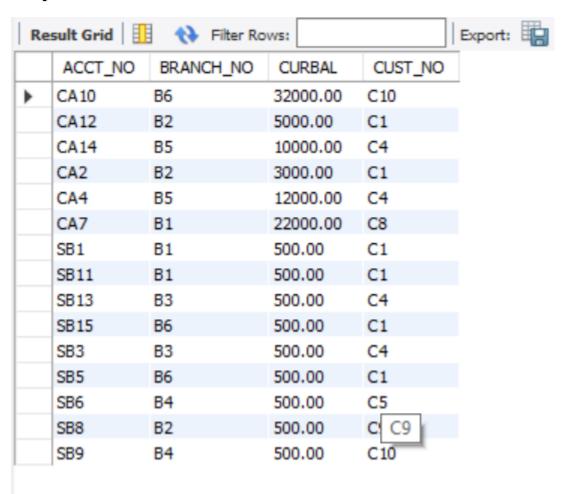
SELECT c.cust_no, c.fname, c.mname, c.lname, a.addr_no, a.addr1, a.ADDR2, a.CITY, a.STATE, a.PINCODE FROM CUST_MSTR as c INNER JOIN ADDR_DTLS as a ON c.CUST_NO = a.CODE_NO;



Program 3: List the Customers along with the account details associated with them.

Source code:

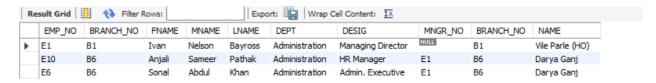
SELECT A.ACCT_NO,A.BRANCH_NO,A.CURBAL,C.CUST_NO FROM ACCT_MSTR AS A INNER JOIN CUST_MSTR AS C ON C.CUST_NO = A.INTRO_CUST_NO;



Program 4: List the employee details of only those employees who belong to the Administration department along branch names.

Source Code:

SELECT * FROM EMP_MSTR INNER JOIN BRANCH_MSTR ON EMP_MSTR.BRANCH_NO = BRANCH_MSTR.BRANCH_NO WHERE EMP_MSTR.DEPT='Administration';



Program 5: List the employee details along with the contact details (if any) Using Left Outer Join.

Source code:

SELECT E.EMP_No,E.FNAME,E.LNAME,E.DEPT,C.CNTC_DATA FROM EMP_MSTR AS E LEFT JOIN CNTC_DTLS AS C ON E.BRANCH_NO = C.CODE_NO;

	EMP_No	FNAME	LNAME	DEPT	CNTC_DATA
•	E1	Ivan	Bayross	Administration	admin_vileparle@bom2.vsnl.in
	E1	Ivan	Bayross	Administration	26124533
	E1	Ivan	Bayross	Administration	26124571
	E10	Anjali	Pathak	Administration	admin_matunga@bom2.vsnl.in
	E10	Anjali	Pathak	Administration	24304545
	E2	Amit	Desai	Loans And Financing	admin_andheri@bom2.vsnl.in
	E2	Amit	Desai	Loans And Financing	26790014
	E3	Maya	Joshi	Client Servicing	admin_churchgate@bom2.vsnl.in
	E3	Maya	Joshi	Client Servicing	23457855
	E4	Peter	Joseph	Loans And Financing	admin_vileparle@bom2.vsnl.in
	E4	Peter	Joseph	Loans And Financing	26124533
	E4	Peter	Joseph	Loans And Financing	26124571
	E5	Mandhar	Dalvi	Marketing	admin_sion@bom2.vsnl.in
	E5	Mandhar	Dalvi	Marketing	25545455
	E6	Sonal	Khan	Administration	admin_matunga@bom2.vsnl.in
	E6	Sonal	Khan	Administration	24304545
	E7	Anil	Kambli	Marketing	admin_sion@bom2.vsnl.in
	E7	Anil	Kambli	Marketing	25545455
		_		-t	

Program 6: List the employee details along with the contact details (if any) Using right Outer Join

Source Code:

SELECT E.EMP_No,E.FNAME,E.LNAME,E.DEPT,C.CNTC_DATA FROM EMP_MSTR AS E RIGHT JOIN CNTC_DTLS AS C ON E.BRANCH_NO = C.CODE_NO;

	EMP_No	FNAME	LNAME	DEPT	CNTC_DATA
•	E1	Ivan	Bayross	Administration	26124571
	E4	Peter	Joseph	Loans And Financing	26124571
	E1	Ivan	Bayross	Administration	26124533
	E4	Peter	Joseph	Loans And Financing	26124533
	E1	Ivan	Bayross	Administration	admin_vileparle@bom2.vsnl.in
	E4	Peter	Joseph	Loans And Financing	admin_vileparle@bom2.vsnl.in
	E2	Amit	Desai	Loans And Financing	26790014
	E9	Vikram	Randive	Marketing	26790014
	E2	Amit	Desai	Loans And Financing	admin_andheri@bom2.vsnl.in
	E9	Vikram	Randive	Marketing	admin_andheri@bom2.vsnl.in
	E3	Maya	Joshi	Client Servicing	23457855
	E8	Seema	Apte	Client Servicing	23457855
	E3	Maya	Joshi	Client Servicing	admin_churchgate@bom2.vs
	E8	Seema	Apte	Client Servicing	admin_churchgate@bom2.vs
	E5	Mandhar	Dalvi	Marketing	25545455
	E7	Anil	Kambli	Marketing	25545455
	E5	Mandhar	Dalvi	Meting alvi	admin_sion@bom2.vsnl.in
	E7	Anil	Kambli 🕌	keting	admin_sion@bom2.vsnl.in
	NULL	NULL	NULL	NULL	20170404

Program 8 Retrieve the names of the employees and the names of their respective managers from the employee table

Source Code:

SELECT E.FNAME AS employee_name,

M.emp_no AS MNGR_NO, M.MNAME AS manager

FROM EMP_MSTR AS E

JOIN EMP_MSTR AS M ON E.MNGR_NO = M.emp_no;

	employee_name	MNGR_NO	manager
•	Anjali	E1	Nelson
	Peter	E2	NULL
	Sonal	E1	Nelson
	Anil	E5	Dilip
	Seema	E3	Mahima
	Vikram	E7	Ashutosh

Program 9 Retrieve the names of the employees and the names of their respective managers from the employee table

Source Code:

SELECT client_master.NAME,PRODUCT_MASTER.DESCRIPTION ,SALES_ORDER_DETAILS.PRODUCTRATE

FROM client master

JOIN sales order ON client master. ClientNo = sales order. ClientNo

JOIN SALES_ORDER_DETAILS ON sales_order.orderno = SALES_ORDER_DETAILS.orderno

JOIN PRODUCT_MASTER ON SALES_ORDER_DETAILS.PRODUCTNO =PRODUCT MASTER.PRODUCTNO

WHERE client master.NAME = "IVAN BAYROSS";



Program 10 Find out the products and their quantities that will have to be delivered in the current month.

Source Code:

SELECT PRODUCT_MASTER.DESCRIPTION ,SALES ORDER DETAILS.QTYORDERED

FROM sales_order

JOIN SALES_ORDER_DETAILS ON sales_order.orderno = SALES ORDER DETAILS.orderno

JOIN PRODUCT_MASTER ON SALES_ORDER_DETAILS.PRODUCTNO =PRODUCT_MASTER.PRODUCTNO

WHERE MONTH(sales order.orderdate) = MONTH(CURRENT DATE);

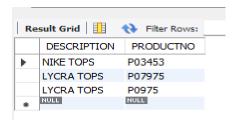


Program 11 List the ProductNo and description of constantly sold (i.e. rapidly moving) products.

Source Code:

 ${\tt SELECT\ PRODUCT_MASTER.DESCRIPTION,PRODUCT_MASTER.PRODUCTNO}$ ${\tt FROM\ PRODUCT_MASTER}$

WHERE REORDERLVL = (SELECT MAX(REORDERLVL) FROM PRODUCT_MASTER);



Program 12 List the products and orders from customers who have ordered less than 5 units of Pull Overs.

Source Code:

SELECT

SALES_ORDER_DETAILS.orderno,SALES_ORDER_DETAILS.PRODUCTNO,SALES_ORDER_DETAILS.QTYORDERED, PRODUCT_MASTER.DESCRIPTION

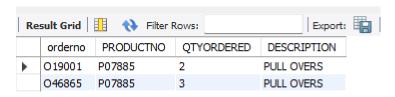
FROM SALES ORDER DETAILS

JOIN sales order ON SALES ORDER DETAILS.orderno = sales order.orderno

JOIN PRODUCT_MASTER ON SALES_ORDER_DETAILS.PRODUCTNO =PRODUCT MASTER.PRODUCTNO

WHERE PRODUCT MASTER.DESCRIPTION = 'Pull Overs'

AND SALES ORDER DETAILS.QTYORDERED < 5;



Program 13 Find the products and their quantities for the orders placed by Ivan Bayross' and 'Mamta Muzumdar.

Source Code:

SELECT client_master.NAME,PRODUCT_MASTER.DESCRIPTION ,SALES ORDER DETAILS.QTYORDERED

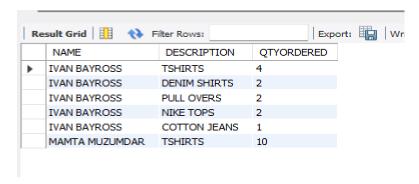
FROM client_master

JOIN sales_order ON client_master.ClientNo = sales_order.ClientNo

JOIN SALES_ORDER_DETAILS ON sales_order.orderno = SALES_ORDER_DETAILS.orderno

JOIN PRODUCT_MASTER ON SALES_ORDER_DETAILS.PRODUCTNO =PRODUCT MASTER.PRODUCTNO

WHERE client master.NAME IN ("MAMTA MUZUMDAR", "IVAN BAYROSS");



Program 14 Find the products and their quantities for the orders placed by ClientNo 'C00001' and 'C00002'.

Source Code:

SELECT client_master.CLIENTNO,PRODUCT_MASTER.DESCRIPTION ,SALES_ORDER_DETAILS.QTYORDERED

FROM client_master

JOIN sales order ON client master. ClientNo = sales order. ClientNo

JOIN SALES_ORDER_DETAILS ON sales_order.orderno = SALES ORDER DETAILS.orderno

JOIN PRODUCT_MASTER ON SALES_ORDER_DETAILS.PRODUCTNO =PRODUCT MASTER.PRODUCTNO

WHERE client master.CLIENTNO IN ('C00001', 'C00002');

