

ASSIGNMENT NO. 2 ->

Manipulation of data in a table.

CODE & OUTPUT->

1. Find the names of all clients having 'A' as the second letter in their names.

SQL> select Name from Client_master where Name like '_a%';

```
NAME
-----
Vandana Satiwal
Basu Navindgi
Ravi Sreedharan
```

2. Find out the clients who do not stay in a city whose first letter is 'b'.

SQL> select name,city from Client_Master where City not like 'B%';

```
NAME                CITY
-----
Vandana Satiwal     Madras
Pramada Jaguste     Kolkata
Ravi Sreedharan     Delhi
```

3. List the names and city of all clients who have exactly 12 characters in length and starts with 'I'.

SQL> select Name,City from Client_Master where length(Name)=12 and Name like 'I%';

```
NAME                CITY
-----
Ivan Bayross        Bombay
```

4. Find the list of all clients who stay in 'Bombay' or 'Delhi'.

SQL> select * from Client_Master where City in ('Bombay','Delhi');

CLIENT NAME	ADDRESS1	ADDRESS2	CITY	STATE	PINCODE	BALANCE_DUE
C001 Ivan Bayross	P-76	Worli	Bombay	Maharashtra	400054	150
C004 Basu Navindgi	A/12	Nariman	Bombay	Maharashtra	400056	0
C005 Ravi Sreedharan	B/34	Rajnagar	Delhi	Delhi	100001	200
C006 Rukmini	Q-12	Bandra	Bombay	Maharashtra	400050	0

5. Print the list of all clients whose balance_due is greater than value 100.00.

SQL> select * from Client_Master where Balance_due > 10000;

CLIENT NAME	ADDRESS1	ADDRESS2	CITY	STATE	PINCODE	BALANCE_DUE
C001 Ivan Bayross	P-76	Worli	Bombay	Maharashtra	400054	150

6. Print the information from sales_order table for orders places in the month of January.

SQL> select * from Sales_Order where to_char(Order_date,'mon') like 'jan';

ORDER_	ORDER_DAT	CLIENT	SALESM	D	B	DELIVERY_	ORDER_STAT
019001	12-JAN-96	C001	S001	F	N	20-JAN-96	InProcess
019002	25-JAN-96	C002	S002	P	N	27-JAN-96	BackOrder

7. Display the order information for client_no 'C001' and 'C002'.

SQL> select * from Client_Master where Client_no in ('C001' , 'C002');

CLIENT NAME	ADDRESS1	ADDRESS2	CITY	STATE	PINCODE	BALANCE_DUE
C001 Ivan Bayross	P-76	Worli	Bombay	Maharashtra	400054	150
C002 Vandana Satiwal	128	Adams Street	Madras	Tamil Nadu	780001	0

8. Find products whose selling price greater than 2000 and less than 5000.

SQL> select * from Product_Master where Sell_price > 2000.00 and Sell_price < 5000.00;

PRODUC DESCRIPTION	PROFIT_PERCENT	UNIT_MEASU	QTY_ON_HAND	REORDER_LEVEL	SELL_PRICE	COST_PRICE
P07868 Keyboard		2 Piece	10	3	3150	3050

9. Find products whose selling price is more than 1500. Calculate a new selling price as original selling price*1.15 . Rename the new column in the above query is New_price.

SQL> select description,Sell_price*1.15 New_Price from Product_Master where Sell_price > 1500.00;

DESCRIPTION	NEW_PRICE
Monitors	13800
Keyboard	3622.5
CD Drive	6037.5
540 HDD	9660

10. List the names, city and state of clients who are not in the state of 'Maharastra'.

SQL> select Name, City, State from Client_Master where State not like 'Maharastra';

NAME	CITY	STATE
Vandana Satiwal	Madras	Tamil Nadu
Pramada Jaguste	Kolkata	West Bengal
Ravi Sreedharan	Delhi	Delhi

11. Display the month(in alphabets) and date when the order must be delivered.

SQL> select Delivery_date, to_char(Delivery_date,'Month') from Sales_Order where order_status like 'Fulfilled';

DELIVERY_	TO_CHAR(DELIVERY_DATE, 'MONTH')
20-FEB-96	February
07-APR-96	April

12. Display the Order_date in the format 'DD-Month-YY' e.g 12-February-13.

SQL> select to_char(Order_date,'DD-Month-YY') from Sales_Order;

TO_CHAR(ORDER_DATE, 'DD-MONTH-YY')
12-January -96
25-January -96
18-February -96
03-April -96
20-May -96
24-May -96

13. Find the date, 15 days after today's date.

SQL> select sysdate+15 from dual;

SYSDATE+1
01-MAR-24