

## ORACLE LAB ASSIGNMENT-3

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Tables: client\_master, product\_master and salesman\_master

1) find out the names of all the clients.

```
SQL> select name from client_master;

NAME
-----
Ivan Bayross
Vandana Saitwal
Pramada Jaguste
Basu Navindgi
Rukmini
Ravi sreedharan

6 rows selected.
```

2) retrieve the entire contents of the client\_master table.

```
SQL> select *from client_master;

CLIENT NAME      ADDRESS1      ADDRESS2      CITY      PINCODE STATE      BAL_DUE
-----
C00001 Ivan Bayross      Bombay      400054 Maharashtra 15000
C00002 Vandana Saitwal  Madras      780001 Tamil Nadu    0
C00003 Pramada Jaguste  Bombay      400057 Maharashtra 5000
C00004 Basu Navindgi    Bombay      400056 Maharashtra 0
C00006 Rukmini          Bombay      400050 Maharashtra 0
C00005 Ravi sreedharan    Delhi       100001 Delhi       2000

6 rows selected.
```

3) retrieve the list of names and the cities of all the clients.

```
SQL> select name,city from client_master;

NAME      CITY
-----
Ivan Bayross      Bombay
Vandana Saitwal    Madras
Pramada Jaguste    Bombay
Basu Navindgi      Bombay
Rukmini           Bombay
Ravi sreedharan    Delhi

6 rows selected.
```

4) list the various products available from the product\_master table.

```
SQL> select description from product_master;
```

```
DESCRIPTION
```

```
-----
```

```
1.44 Floppies
```

```
Monitors
```

```
Mouse
```

```
1.22 Floppies
```

```
Keyboards
```

```
CD Drive
```

```
540 HDD
```

```
1.44 Drive
```

```
1.22 Drive
```

```
9 rows selected.
```

5) list all the clients who are located in bombay.

```
SQL> select name from client_master where city='Bombay';
```

```
NAME
```

```
-----
```

```
Ivan Bayross
```

```
Pramada Jaguste
```

```
Basu Navindgi
```

```
Rukmini
```

6) find out names of the salesman who have salary equal to rs. 3000.

```
SQL> select salesman_name from salesman_master where sal_amt=3000;
```

```
SALESMAN_NAME
```

```
-----
```

```
Kiran
```

```
Manish
```

```
Ravi
```

7) change the city of client\_no 'c00001' to 'mumbai'.

```
SQL> update client_master set city='Mumbai' where client_no='C00001';
```

```
1 row updated.
```

```
SQL> select *from client_master;
```

CLIENT	NAME	ADDRESS1	ADDRESS2	CITY	PINCODE	STATE	BAL_DUE
C00001	Ivan Bayross			Mumbai	400054	Maharashtra	15000
C00002	Vandana Saitwal			Madras	780001	Tamil Nadu	0
C00003	Pramada Jaguste			Bombay	400057	Maharashtra	5000
C00004	Basu Navindgi			Bombay	400056	Maharashtra	0
C00006	Rukmini			Bombay	400050	Maharashtra	0
C00005	Ravi sreedharan			Delhi	100001	Delhi	2000

```
6 rows selected.
```

8) change the bal\_due of client\_no 'c00001' to rs. 1000.

```
SQL>
SQL> update client_master set bal_due=1000
2 where client_no='C00001';

1 row updated.

SQL> select *from client_master;
```

CLIENT NAME	ADDRESS1	ADDRESS2	CITY	PINCODE	STATE	BAL_DUE
C00001 Ivan Bayross			Mumbai	400054	Maharashtra	1000
C00002 Vandana Saitwal			Madras	780001	Tamil Nadu	0
C00003 Pramada Jaguste			Bombay	400057	Maharashtra	5000
C00004 Basu Navindgi			Bombay	400056	Maharashtra	0
C00006 Rukmini			Bombay	400050	Maharashtra	0
C00005 Ravi sreedharan			Delhi	100001	Delhi	2000

```
6 rows selected.
```

9) change the cost price of '1.22 floppies' to rs. 950.

```
SQL> update product_master set cost_price=950 where description='1.22 Floppies';

1 row updated.

SQL> select *from product_master;
```

PRODUC	DESCRIPTION	PROFIT_PERCENT	UNIT_MEASU	QTY_ON_HAND	REORDER_LVL	SELL_PRICE	COST_PRICE
P00001	1.44 Floppies	5	Piece	100	20	525	500
P03453	Monitors	6	Piece	10	3	12000	11280
P06734	Mouse	5	Piece	20	5	1050	1000
P07865	1.22 Floppies	5	Piece	100	20	525	950
P07868	Keyboards	2	Piece	10	3	3150	3050
P07885	CD Drive	2.5	Piece	10	3	5250	5100
P07965	540 HDD	4	Piece	10	3	8400	8000
P07975	1.44 Drive	5	Piece	10	3	1050	1000
P08865	1.22 Drive	5	Piece	2	3	1050	1000

```
9 rows selected.
```

10) change the city of the salesman to mumbai.

```
SQL> update salesman_master set city='Mumbai';

4 rows updated.

SQL> select *from salesman_master;
```

SALESM	SALESMAN_NAME	ADDRESS1	ADDRESS2	CITY	PINCODE	STATE	SAL_AMT	TGT_TO_GET	YTD_SALES	REMARKS
S00001	Kiran	A/14	Worli	Mumbai	400002	Maharashtra	3000	100	50	Good
S00002	Manish	65	Nariman	Mumbai	400001	Maharashtra	3000	200	100	Good
S00003	Ravi	P-7	Bandra	Mumbai	400032	Maharashtra	3000	200	100	Good
S00004	Ashish	A/5	Juhu	Mumbai	400044	Maharashtra	3500	200	150	Good

11) delete all salesman from the salesman\_master whose salaries are equal to rs. 3500.

```
SQL> delete from salesman_master where sal_amt=3500;

1 row deleted.

SQL> select *from salesman_master;
```

SALESM	SALESMAN_NAME	ADDRESS1	ADDRESS2	CITY	PINCODE	STATE	SAL_AMT	TGT_TO_GET	YTD_SALES	REMARKS
S00001	Kiran	A/14	Worli	Mumbai	400002	Maharashtra	3000	100	50	Good
S00002	Manish	65	Nariman	Mumbai	400001	Maharashtra	3000	200	100	Good
S00003	Ravi	P-7	Bandra	Mumbai	400032	Maharashtra	3000	200	100	Good

12) delete all products from product\_master where the quantity on hand is equal to 100.

```
SQL> delete product_master where qty_on_hand=100;

2 rows deleted.

SQL> select *from product_master;
```

PRODUC	DESCRIPTION	PROFIT_PERCENT	UNIT_MEASU	QTY_ON_HAND	REORDER_LVL	SELL_PRICE	COST_PRICE
P03453	Monitors	6	piece	10	3	12000	11280
P06734	Mouse	5	piece	20	5	1050	1000
P07868	Keyboards	2	piece	10	3	3150	3050
P07885	Cd drive	2.5	piece	10	3	5250	5100
P07965	540 hdd	4	piece	10	3	8400	8000
P07975	1.44 drive	5	piece	10	3	1050	1000
P08865	1.22 drive	5	piece	2	3	1050	1000

```
7 rows selected.
```

13) delete from client\_master where the column state holds the value 'tamil nadu'.

```
SQL> delete from client_master where state='Tamil nadu';
1 row deleted.
SQL> select *from client_master;
```

CLIENT	NAME	ADDRESS1	ADDRESS2	CITY	PINCODE	STATE	BAL_DUE
C00001	Ivan bayross			Bombay	400054	Maharashtra	1000
C00003	Pramada jaguste			Bombay	400057	Maharashtra	5000
C00004	Basu navindgi			Bombay	400056	Maharashtra	0
C00005	Ravi sreedharam			Delhi	100001	Delhi	2000
C00006	Rukmini			Bombay	400050	Maharashtra	0

14) add a column called 'telephone' of data type 'number' and size =10 to the client\_master table.

```
SQL> alter table client_master add telephone number(10);
Table altered.
```

```
SQL> desc client_master;
```

Name	Null?	Type
CLIENT_NO		VARCHAR2(6)
NAME		VARCHAR2(20)
ADDRESS1		VARCHAR2(30)
ADDRESS2		VARCHAR2(30)
CITY		VARCHAR2(15)
PINCODE		VARCHAR2(8)
STATE		VARCHAR2(15)
BAL_DUE		NUMBER(10, 2)
TELEPHONE		NUMBER(10)

15) change the size of sell\_price column in product\_master to 10,2.

```
SQL> alter table product_master modify sell_price number (10,2);
Table altered.
```

```
SQL> desc product_master;
```

Name	Null?	Type
PRODUCT_NO		VARCHAR2(6)
DESCRIPTION		VARCHAR2(15)
PROFIT_PERCENT		NUMBER(4, 2)
UNIT_MEASURE		VARCHAR2(10)
QTY_ON_HAND		NUMBER(8)
REORDER_IV1		NUMBER(8)
SELL_PRICE		NUMBER(10, 2)
COST_PRICE		NUMBER(8, 2)

16) destroy the table client\_master along with its data.

```
SQL> drop table client_master;
Table dropped.
```

17) change the name of salesman\_master table to sman\_mast.

```
SQL> rename salesman_master to sman_mast;
Table renamed.
```