# Oracle Assignment

# Following are Created Tables:

# 1. Clientmaster23:

### ➤ Query:

- create table clientmaster23(clientno varchar2(6), name varchar2(20), address1 varchar2(20), address2 varchar2(20), city varchar2(20), pincode number(6), state varchar2(12), baldue number(7));
- desc clientmaster23;

# **➤** Output:

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
CLIENTMASTER23	CLIENTNO	Varchar2	6	-	-	-	/	)+:	-
	NAME	Varchar2	20	(2)	-	-	/	74	-
	ADDRESS1	Varchar2	20	7.	-	5	/	115	5 <b>2</b> %
	ADDRESS2	Varchar2	20	-	-	-	/	8 <del>1</del>	-
	CITY	Varchar2	20	21	-	-	/	12	-
	PINCODE	Number	<u> </u>	6	0	2	/		120
	STATE	Varchar2	12		-	-	/	S <del>1.</del>	-
	BALDUE	Number	-	7	0	-	/	-	-

#### 2. Productmaster23:

# ➤ Query:

- create table productmaster23(productno varchar2(6), description varchar2(20), profitpercent number(4), unitmaster varchar2(15), qtyonhand number(5), recordlyl number(5), sellprice number(8), costprice number(8));
- desc productmaster23;

### > Output:

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
PRODUCTMASTER23	PRODUCTNO	Varchar2	6	÷	:=:	÷	/	:=:	¥
	DESCRIPTION	Varchar2	20	2	-	-	/	2	2
	PROFITPERCENT	Number	-	4	0	<u>=</u> :	/	-	· <del>\tau</del>
	UNITMASTER	Varchar2	15	-	-	-	/	-	-
	QTYONHAND	Number		5	0	2	/	2	Ÿ.
	RECORDLVL	Number	-	5	0	3	/	-51	5
	SELLPRICE	Number		8	0	×	/		*
	COSTPRICE	Number	-	8	0	2	/	12	<i>#</i>

# 3. Salesmanmaster23:

# ➤ Query:

- → create table salesmanmaster23(salesmanno varchar2(6), salesmanname varchar2(20), address1 varchar2(20), address2 varchar2(20), city varchar2(20), pincode number(6), state varchar2(20), salamt number(8), tgtoget number(6), ytdsales number(6), remarks varchar2(20));
- desc salesmanmaster23;

# > Output:

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
SALESMANMASTER23	SALESMANNO	Varchar2	6	-	-	-	/	+	-
	SALESMANNAME	Varchar2	20		2	-	/	=	-
	ADDRESS1	Varchar2	20	.=:	্	-	/	-	(5)
	ADDRESS2	Varchar2	20		5	-	/	-	-
	CITY	Varchar2	20	12:	2	-	/	-	-
	PINCODE	Number	i i	6	0	2	/	2	12
	STATE	Varchar2	20	; <del>=</del> :	-	-	/	-	-
	SALAMT	Number	-	8	0	-	/	-	(4)
	TGTOGET	Number	2	6	0	-2	/	ğ	12
	YTDSALES	Number	ē	6	0	-	/	=	-
	REMARKS	Varchar2	20	-	-	-	/	_	74

# Following are Inserted Tables:

### 1. Clientmaster23:

### ➤ Query:

- insert into clientmaster23 values ('C00001','Rakesh Joshi','','','Mumbai',400054,'Maharastra',15000);
- insert into clientmaster23 values ('C00002','Mayur Patel',",",'Madras',780001,'Tamilnadu',0);
- insert into clientmaster23 values ('C00003','Ishita Mehta','','','Mumbai',400057,'Maharastra',5000);
- insert into clientmaster23 values ('C00004','Amit Solanki',",",'Bangalore',560001,'karnataka',0);
- insert into clientmaster23 values ('C00005','Hiren Pandya','',",'Mumbai',400060,'Maharastra',2000);
- insert into clientmaster23 values ('C00006','Dipak Sharama',",",'Mangalore',560050,'Karnataka',0);
- select \*from clientmaster23;

### Output:

CLIENTNO	NAME	ADDRESS1	ADDRESS2	CITY	PINCODE	STATE	BALDUE
C00001	Rakesh Joshi	( <del>-</del> )	-	Mumbai	400054	Maharastra	15000
C00002	Mayur Patel		-	Madras	780001	Tamilnadu	0
C00003	Ishita Mehta	-	2	Mumbai	400057	Maharastra	5000
C00004	Amit Solanki	121	14	Bangalore	560001	karnataka	0
C00005	Hiren Pandya	1-1	-	Mumbai	400060	Maharastra	2000
C00006	Dipak Sharama	ie.	t-	Mangalore	560050	Karnataka	0

### 2. Productmaster23:

### ➤ Query:

- → insert into productmaster23 values ('P00001','T-Shirt',5,'Piece',200,50,350,250);
- → insert into productmaster23 values ('P0345','Shirt',6,'Piece',150,50,500,350);
- → insert into productmaster23 values ('P06734','Cotton Jeans',5,'Piece',100,20,600,450);
- → insert into productmaster23 values ('P07865','Jeans',5,'Piece',100,20,750,500);
- → insert into productmaster23 values ('P07868','Trouser',2,'Piece',150,50,850,550);
- → insert into productmaster23 values ('P07885','Pull Overs',3,'Piece',80,30,700,450);
- → insert into productmaster23 values ('P07965','Denim Shirt',4,'Piece',100,40,350,250);
- → insert into productmaster23 values ('P07975','Lycra Tops',5,'Piece',70,30,300,175);
- → insert into productmaster23 values ('P08865','Skirts',5,'Piece',75,30,450,300);
- select \*from productmaster23;

# Output:

PRODUCTNO	DESCRIPTION	PROFITPERCENT	UNITMASTER	QTYONHAND	RECORDLVL	SELLPRICE	COSTPRICE
P00001	T-Shirt	5	Piece	200	50	350	250
P0345	Shirt	6	Piece	150	50	500	350
P06734	Cotton Jeans	5	Piece	100	20	600	450
P07865	Jeans	5	Piece	100	20	750	500
P07868	Trouser	2	Piece	150	50	850	550
P07885	Pull Overs	3	Piece	80	30	700	450
P07965	Denim Shirt	4	Piece	100	40	350	250
P07975	Lycra Tops	5	Piece	70	30	300	175
P08865	Skirts	5	Piece	75	30	450	300

#### 3. Salesmanmaster23:

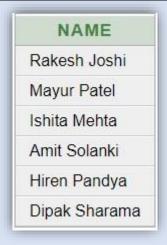
### > Query:

- → insert into salesmanmaster23 values ('S00001','Aman','A/14','Worli','Mumbai',400002,'Maharatsra',3000,100,5 0,'Good');
- → insert into salesmanmaster23 values ('S00002','Omkar','65','Nariman','Mumbai',400001,'Maharatsra',3000,200 ,100,'Good');
- → insert into salesmanmaster23 values ('S00003','Raj','P7','Bandra','Mumbai',400032,'Maharatsra',3000,200,100 ,'Good');
- → insert into salesmanmaster23 values ('S00004','Ashish','A/5','Juhu','Mumbai',400044,'Maharatsra',3000,200,10 0,'Good');
- select \*from salesmanmaster23;

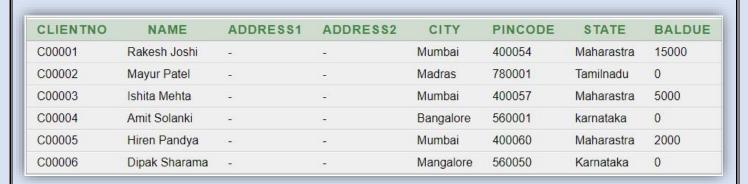
# > Output:

SALESMANNO	SALESMANNAME	ADDRESS1	ADDRESS2	CITY	PINCODE	STATE	SALAMT	TGTOGET	YTDSALES	REMARKS
S00001	Aman	A/14	Wor <mark>li</mark>	Mumbai	400002	Maharatsra	3000	100	50	Good
S00002	Omkar	65	Nariman	Mumbai	400001	Maharatsra	3000	200	100	Good
S00003	Raj	P-7	Bandra	Mumbai	400032	Maharatsra	3000	200	100	Good
S00004	Ashish	A/5	Juhu	Mumbai	400044	Maharatsra	3000	200	100	Good

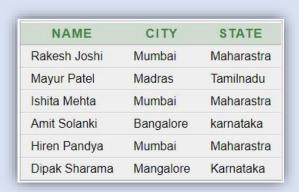
- Exercise on retrieving records from the table:
  - 1. Find the name of all the client:
    - > Query:
    - → select name from clientmaster23;
    - ➤ Output:



- 2. Retrieve The Entire Contents of The Clientmaster23 Table:
  - > Query:
  - → select \*from clientmaster23;
  - > Output:



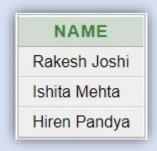
- 3. Retrieve The List of Names, City and The State of All the Clients:
  - > Query:
  - → select name, city, state from clientmaster 23;
  - > Output:



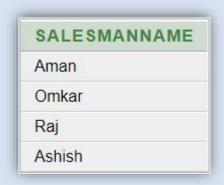
- 4. List The Various Product Available from The Product Master Table:
  - > Query:
  - → select description from productmaster23;
  - > Output:



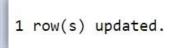
- 5. List All the Client Who Are Located in Mumbai:
  - > Query:
  - → select name from clientmaster23 where city='Mumbai';
  - ➤ Output:



- 6. Find The Names of Salesman Who Have a Salary Equal to Rs.3000:
  - > Query:
  - → select salesmanname from salesmanmaster23 where salamt=3000;
  - > Output:

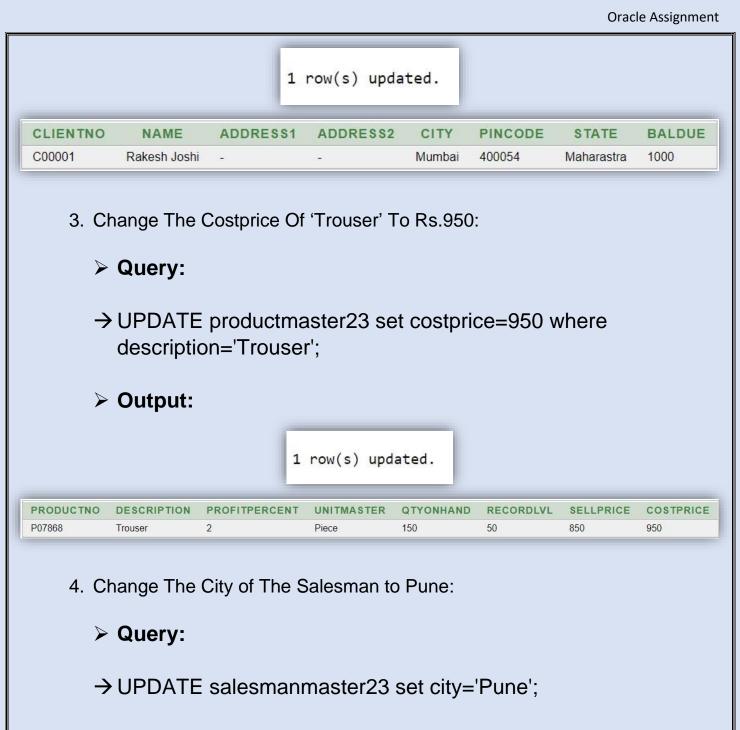


- Exercise on updating records in table:
  - 1. Change The City of Client No 'C00005' to Bangalore:
    - > Query:
    - → UPDATE clientmaster23 set city='Bangalore' where clientno='C00005';
    - > Output:



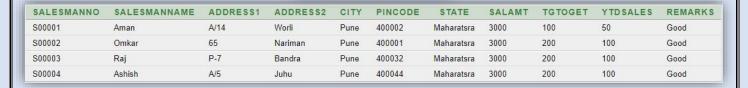


- 2. Change The Baldue of Client 'C00001' To Rs.1000:
  - > Query:
  - → UPDATE clientmaster23 set baldue=1000 where clientno='C00001';
  - > Output:

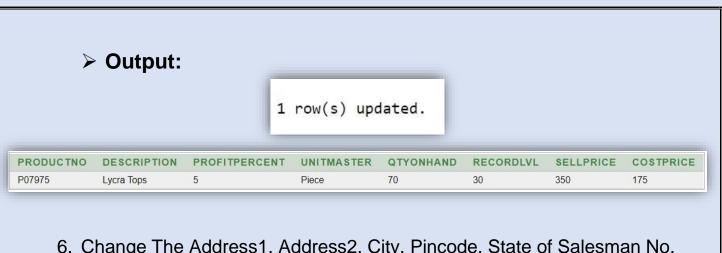


> Output:

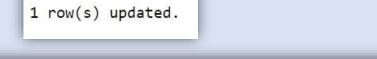
4 row(s) updated.



- 5. Change The Saleprice of Lycra Tops to Rs.350:
  - > Query:
  - → UPDATE productmaster23 set sellprice=350 where description='Lycra Tops';



- 6. Change The Address1, Address2, City, Pincode, State of Salesman No. S00002:
  - > Query:
  - → UPDATE salesmanmaster23 SET address1='B-55', address2='Andheri est', city='Thane',pincode=560025,state='Hariyana' where salesmanno='S00002';
  - > Output:



THE RESERVE THE PROPERTY OF THE PARTY OF THE	NNAME ADDRESS1	ADDRESS2	CITY	PINCODE	STATE	SALAMT	TGTOGET	YTDSALES	REMARKS
S00002 Omkar	B-55	Andheri est	Thane	560025	Hariyana	3000	200	100	Good

- Exercise on deleting record in a table:
  - 1. Delete All Salesman from The Salesmanmaster23 Whose Salaries Are Equal to Rs.3500:
    - > Query:
    - → DELETE from salesmanmaster23 where salamt=3500;
    - > Output:

0 row(s) deleted.

Oracle Assignment
2. Delete All Product from Productmaster23 Where the Quantity on Hand Is Equal To 100:
➢ Query:
→ DELETE from productmaster23 where qtyonhand=100;
> Output:  3 row(s) deleted.
3. Delete From Clientmaster23 Where The Column State Holds The Value 'Tamilnadu':
➢ Query:
→ DELETE from clientmaster23 where state='Tamilnadu';
> Output:
1 row(s) deleted.
Exercise on altering the table structure:  1. Add A Column Called 'Telephone' of Datatype 'Number' and Size = '10' To the Clientmaster23 Table:
➢ Query:
→ ALTER table clientmaster23 add (telephone number(10));

Table altered.

> Output:

2. Change The Size of	Saleprice Column in Productmaster23 To 10:
➤ Query:	
→ ALTER table prod	uctmaster23 modify(sellprice number(10));
> Output:	
	Table altered.
3. Add Column Called I the Number (12):	Profit of Datatype 'Number' And Size= '12' To
➤ Query:	
→ ALTER table prod	uctmaster23 add (profit number(12));
> Output:	
	Table altered.
4. Remove Column Pro	ofit from The Productmaster23:
➤ Query:	
→ ALTER table prod	uctmaster23 drop column profit;
> Output:	
	Table dropped.

5.	Change	The Name	Of The	Salesma	nmaster23	Table	То
	sman_m	iast23:					

- > Query:
- → RENAME salesmanmaster23 to sman\_mast23;
- > Output:

Statement processed.

- 6. Destroy The Table Clientmaster23 Along with Its Data:
  - > Query:
  - → DROP table clientmaster23;
  - > Output:

Table dropped.

