

Sub : Oracle Assignment - 4

CREATE FOLLOWING TABLES:

[1] CLIENT_MASTER_23:

SQL> create table client_master_23

2 (clientno varchar(6)primary key,
3 name varchar(15)not null,
4 address1 varchar(5),
5 address2 varchar(5),
6 city varchar(15),
7 pincode number(6),
8 state varchar(15),
9 baldue number(10,2),
10 constraint chk_client check (clientno like 'C%'));

Table created.

SQL> desc client_master_23;

Name	Null?	Type
CLIENTNO	NOT NULL	VARCHAR2(6)
NAME	NOT NULL	VARCHAR2(15)
ADDRESS1		VARCHAR2(5)
ADDRESS2		VARCHAR2(5)
CITY		VARCHAR2(15)
PINCODE		NUMBER(6)
STATE		VARCHAR2(15)
BALDUE		NUMBER(10,2)

*INSERTING THE FOLLOWING DATA INTO THEIR RESPECTIVE TABLES:

SQL> select * from client_master_23;

CLIENT NAME	ADDRE	ADDRE CITY	PINCODE	STATE	BALDUE
C00001	Rakesh Joshi				
C00002	Mayur Patel				
C00003	Ishita Mehata				
C00004	Amit Solanki				
C00005	Hiren Pandya				
C00006	Dipak Sharma				

6 rows selected.

[2]PRODUCT _MASTER_23:

SQL> create table product_master_23

2 (productno varchar(6)primary key,
3 description varchar(15)not null,
4 profitpercent number(4,2)not null,
5 unitmaster varchar(7)not null,
6 qtyonhand number(4)not null,
7 reorderlvl number(3)not null,
8 sellprice number(5,2)not null,
9 costprice number(5,2)not null,
10 constraint chk_productno check (productno like 'P%'),
11 constraint chk_sellprice check (sellprice!=0),
12 constraint chk_costprice check (costprice!=0));

Table created.

SQL> desc product_master_23;

Name	Null?	Type
PRODUCTNO	NOT NULL	VARCHAR2(6)
DESCRIPTION	NOT NULL	VARCHAR2(15)
PROFITPERCENT	NOT NULL	NUMBER(4,2)
UNITMASTER	NOT NULL	VARCHAR2(7)
QTYONHAND	NOT NULL	NUMBER(4)
REORDERLVL	NOT NULL	NUMBER(3)
SELLPRICE	NOT NULL	NUMBER(5,2)
COSTPRICE	NOT NULL	NUMBER(5,2)

*INSERTING THE FOLLOWING DATA INTO THEIR RESPACTIVE TABLES:

SQL> select * from product_master_23;

PRODUC	DESCRIPTION	PROFITPERCENT	UNITMAS	QTYONHAND	REORDERLVL	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 Over	2.5	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

9 rows selected.

[3]SALESMAN_MASTER_23:

SQL> create table salesman_master_23

2 (salesmanno varchar(6)primary key,
3 salesmanname varchar(15)not null,
4 address1 varchar(10)not null,
5 address2 varchar(10),
6 city varchar(10),
7 pincode number(6),
8 state varchar(12),
9 salamt number(8,2)not null,
10 tgttoget number(6,2)not null,
11 ytdsales number(6,2)not null,
12 remarks varchar(10),
13 constraint chk_salesmanno check(salesmanno like 'S%'),
14 constraint chk_salamt check(salamt!=0),
15 constraint chk_tgttoget check(tgttoget!=0),
16 constraint chk_ytdsales check(ytdsales!=0));

Table created.

SQL> desc salesman_master_23;

Name	Null?	Type
SALESMANNO	NOT NULL	VARCHAR2(6)
SALESMANNAME	NOT NULL	VARCHAR2(15)
ADDRESS1	NOT NULL	VARCHAR2(10)
ADDRESS2		VARCHAR2(10)
CITY		VARCHAR2(10)
PINCODE		NUMBER(6)
STATE		VARCHAR2(12)
SALAMT	NOT NULL	NUMBER(8,2)
TGTTOGET	NOT NULL	NUMBER(6,2)
YTDSALES	NOT NULL	NUMBER(6,2)
REMARKS		VARCHAR2(10)

*INSERTING THE FOLLOWING DATA INTO THEIR RESPACTIVE TABLES:

SQL> select * from salesman_master_23;

SALESM	SALESMANNAME	ADDRESS1	ADDRESS2	CITY	PINCODE	STATE	SALAMT	TGTTOGET	YTDSALES	REMARKS
S00001	Aman	A/14	Worli	Mumbai	400002	Maharashtra	3000	100	50	Good
S00002	Omkar	65	Nariman	Mumbai	400001	Maharashtra	3000	200	100	Good
S00003	Raj	P-7	Bandra	Mumbai	400032	Maharashtra	3000	200	100	Good
S00004	Ashish	A/5	Juhu	Mumbai	400044	Maharashtra	3000	200	100	Good

SQL>

[4]SALES _ORDER_23:

```
SQL> create table sales_order_23
2 (orderno varchar(6)primary key,
3 clientno varchar(6) references client_master_23,
4 orderdate date not null,
5 delyaddr varchar(20),
6 salesmanno varchar(6) references salesman_master_23,
7 delytype char(1),
8 billyn char(1),
9 delydate date,
10 orderstatus varchar(10),
11 constraint chk_orderno check (orderno like 'O%'),
12 constraint chk_delytype check (delytype in('p','f')),
13 constraint chk_delydate check (delydate>orderdate),
14 constraint chk_orderstatus check (orderstatus in('in process','fulfilled','backorder','cancelled')));
```

Table created.

```
SQL> desc sales_order_23;
```

Name	Null?	Type
ORDERNO	NOT NULL	VARCHAR2(6)
CLIENTNO		VARCHAR2(6)
ORDERDATE	NOT NULL	DATE
DELYADDR		VARCHAR2(20)
SALESMANNO		VARCHAR2(6)
DELYTYPE		CHAR(1)
BILLYN		CHAR(1)
DELYDATE		DATE
ORDERSTATUS		VARCHAR2(10)

*INSERTING THE FOLLOWING DATA INTO THEIR RESPACTIVE TABLES:

```
SQL> select * from sales_order_23;
```

ORDERN	CLIENT	ORDERDATE	DELYADDR	SALESM	D	B	DELYDATE	ORDERSTATU
019001	C00001	12-JUN-04		S00001	f	n	20-JUL-04	in process
019002	C00002	25-JUN-04		S00002	p	n	27-JUN-04	cancelled
046865	C00003	18-FEB-04		S00003	f	y	20-FEB-04	fulfilled
019003	C00004	03-APR-04		S00001	f	y	07-APR-04	fulfilled
046866	C00005	20-MAY-04		S00002	p	n	22-MAY-04	cancelled
019008	C00006	24-MAY-04		S00004	f	n	22-JUL-04	fulfilled

6 rows selected.

[5]SALES_ ORDER _DEATILS_23:

SQL> create table sales_order_details_23

- 2 (orderno varchar(6) references sales_order_23,
- 3 productno varchar(6) references product_master_23,
- 4 qtyordered number(8),
- 5 qtydisp number(8),
- 6 productrate number(10,2));

Table created.

SQL> desc sales_order_details_23;

Name	Null?	Type

ORDERNO		VARCHAR2(6)
PRODUCTNO		VARCHAR2(6)
QTYORDERED		NUMBER(8)
QTYDISP		NUMBER(8)
PRODUCTRATE		NUMBER(10,2)

* INSERTING THE FOLLOWING DATA INTO THEIR RESPACTIVE TABLES:

SQL> select * from sales_order_details_23;

ORDERN	PRODUC	QTYORDERED	QTYDISP	PRODUCTRATE
-----	-----	-----	-----	-----
019001	P07965	4	4	525
019001	P07965	2	1	8400
019001	P07885	2	1	5250
019002	P00001	10	0	525
046865	P07868	3	3	3150
046865	P07885	3	1	5250
046865	P00001	10	10	525
046865	P0345	4	4	1050
019003	P07868	2	2	1050
019003	P06734	1	1	12000
046866	P07965	1	0	8400
ORDERN	PRODUC	QTYORDERED	QTYDISP	PRODUCTRATE
-----	-----	-----	-----	-----
046866	P07975	1	0	1050
019008	P00001	10	5	525
019008	P07975	5	3	1050

14 rows selected.