

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
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DEPT:B.E(CSE) FINAL YEAR

TOPIC:ORACLE LAB TASK

DATE:07.08.2024

Table - I (CLIENT_MASTER)

Data for Client_Master				
Client_No	Name	City	Pincode	Bal_due
C00001	SMITHA JAIN	Mumbai	400054	15000
C00002	VANDANA RAO	Chennai	780001	0
C00003	PREM PUJARI	Mumbai	400057	5000
C00004	BASU NATH	Mumbai	400056	0
C00005	RAVI SHANKAR	Delhi	100001	2000
C00006	ROOPA	Mumbai	400050	0

Query for create an client _master Table:

```
SQL> create table client_Master(client_no varchar(10),Name  
varchar2(20),City varchar2(20),Pincode number(6),Bal_due  
number(20));
```

Query for create an row1:

```
SQL> insert into client_Master values('c00001','SMITHA  
JAIN','Mumbai',400054,15000);
```

Query for create an row2:

```
SQL> insert into client_Master values('C00002', 'VANDANA','RAO  
Chennai', 780001, 0);
```

Query for create an row3:

```
SQL> insert into client_Master values('C00003', 'PREM PUJARI',  
'Mumbai', 400057, 5000);
```

Query for create an row4:

```
SQL> insert into client_Master values('C00004', 'BASU NATH',  
'Mumbai', 400056, 0);
```

Query for create an row5:

```
SQL> insert into client_Master values('C00005', 'RAVI SHANKAR',  
Delhi', 100001, 2000);
```

Query for create an row6:

```
SQL> insert into client_Master values('C00006', 'ROOPA', 'Mumbai',  
400050, 0);
```

```

SQL> create table client_Master(client_no varchar(10),Name varchar2(20),City varchar2(20),Pincode number(6),Bal_due number(20));
Table created.

SQL> insert into client_table values('c00001','SMITHA JAIN','Mumbai',400054,15000);
insert into client_table values('c00001','SMITHA JAIN','Mumbai',400054,15000)
*
ERROR at line 1:
ORA-00942: table or view does not exist

SQL> insert into client_Master values('c00001','SMITHA JAIN','Mumbai',400054,15000);
1 row created.

SQL> insert into client_Master values('C00002', 'VANDANA','RAO Chennai' 780001, 0);
insert into client_Master values('C00002', 'VANDANA','RAO Chennai' 780001, 0)
*
ERROR at line 1:
ORA-00917: missing comma

SQL> insert into client_Master values('C00002', 'VANDANA','RAO Chennai', 780001, 0);
1 row created.

SQL> insert into client_Master values('C00003', 'PREM PUJARI' ,'Mumbai', 400057, 5000);
1 row created.

SQL> insert into client_Master values('C00004', 'BASU NATH', 'Mumbai', 400056, 0);
1 row created.

SQL> insert into client_Master values('C00005', 'RAVI SHANKAR',' Delhi' ,100001 ,2000);
1 row created.

SQL> insert into client_Master values('C00006', 'ROOPA', 'Mumbai', 400050, 0);
1 row created.

SQL> commit;
Commit complete.

```

Table created:

```

SQL> select*from client_Master;

```

CLIENT_NO	NAME	CITY	PINCODE	BAL_DUE
c00001	SMITHA JAIN	Mumbai	400054	15000
C00002	VANDANA	RAO Chennai	780001	0
C00003	PREM PUJARI	Mumbai	400057	5000
C00004	BASU NATH	Mumbai	400056	0
C00005	RAVI SHANKAR	Delhi	100001	2000
C00006	ROOPA	Mumbai	400050	0

```

6 rows selected.

SQL> select * from client_master where bal_due=0;

```

SQL Commands:

1. List all details from the client_master table for clients whose Bal_due = 0.

```
SQL> select * from client_master where bal_due=0;
```

CLIENT_NO	NAME	CITY	PINCODE	BAL_DUE
C00002	VANDANA	RAO Chennai	780001	0
C00004	BASU NATH	Mumbai	400056	0
C00006	ROOPA	Mumbai	400050	0

2. Update table client_master, Change city of Client_no C00004 to Jaipur.

```
SQL> update client_master set city='Jaipur' where client_no='C00004';
```

```
1 row updated.
```

```
SQL> select*from client_Master;
```

CLIENT_NO	NAME	CITY	PINCODE	BAL_DUE
c00001	SMITHA JAIN	Mumbai	400054	15000
C00002	VANDANA	RAO Chennai	780001	0
C00003	PREM PUJARI	Mumbai	400057	5000
C00004	BASU NATH	Jaipur	400056	0
C00005	RAVI SHANKAR	Delhi	100001	2000
C00006	ROOPA	Mumbai	400050	0

```
6 rows selected.
```

3. Retrieve records of clients residing in Mumbai.

```
SQL> select * from client_master where city='Mumbai';
```

CLIENT_NO	NAME	CITY	PINCODE	BAL_DUE
c00001	SMITHA JAIN	Mumbai	400054	15000
C00003	PREM PUJARI	Mumbai	400057	5000
C00006	ROOPA	Mumbai	400050	0

```
SQL>
```

Table - II (SALE_ORDER)

Data for Sale_Order					
Order_No	Order_Date	Client_No	Salesman_No	Dely_Date	Order_Status
O19001	12-Jan-13	C00001	S00001	20-Jan-13	In process
O19002	25-Jan-13	C00002	S00002	27-Jan-13	Cancelled
O46865	18-Feb-13	C00003	S00003	20-Feb-13	Fulfilled
O19003	03-Apr-13	C00001	S00001	07-Apr-13	Fulfilled
O46866	20-May-13	C00004	S00002	07-Apr-13	Cancelled
O19008	24-May-13	C00005	S00004	26-May-13	In process

Query for create an Date Sale_orderTable:

```
SQL> CREATE TABLE SALES_ORDER(ORDER_NO
VARCHAR2(6) PRIMARY KEY,ORDERDATE
DATE,CLIENT_NO VARCHAR2(6),SALESMAN_NO
VARCHAR2(6),DELYDATE DATE,ORDERSTATUS
VARCHAR2(20));
```

Query for create an row1:

```
SQL> INSERT INTO SALES_ORDER values('019001','12-JAN-21','C00001','S00001','20-JAN-21','In Process');
```

Query for create an row2:

```
SQL> INSERT INTO SALES_ORDER values(019002, '25-Jan-21', 'C00002','S00002', '27-Jan-21', 'Cancelled');
```

Query for create an row3:

```
SQL> INSERT INTO SALES_ORDER values(046865, '18-feb-21', 'C00003','S00003', '20-feb-21', 'Fulfilled');
```

Query for create an row4:

```
SQL> INSERT INTO SALES_ORDER values(019003, '03-Apr-21', 'C00001','S00001', '07-Apr-21', 'Fulfilled');
```

Query for create an row5:

```
SQL> INSERT INTO SALES_ORDER values(046866, '20-May-21', 'C00004','S00002', '07-Apr-21', 'Cancelled');
```

Query for create an row6:

```
SQL> INSERT INTO SALES_ORDER values(019008, '24-May-21', 'C00005','S00004', '26-May-21', 'In Process');
```

TABLE CREATED:

```
SQL> CREATE TABLE SALES_ORDER(ORDER_NO VARCHAR2(6) PRIMARY KEY,ORDERDATE DATE,CLIENT_NO VARCHAR2(6),SALESMAN_NO VARCHAR2(6),DELYDATE DATE,ORDERSTATUS VARCHAR2(20));
Table created.
SQL> INSERT INTO SALES_ORDER values('019001','12-JAN-21','C00001','S00001','20-JAN-21','In Process');
1 row created.
SQL> INSERT INTO SALES_ORDER values(019002, '25-Jan-21', 'C00002','S00002', '27-Jan-21', 'Cancelled');
1 row created.
SQL> INSERT INTO SALES_ORDER values(046865, '18-feb-21', 'C00003','S00003', '20-feb-21', 'Fulfilled');
1 row created.
SQL> INSERT INTO SALES_ORDER values(019003, '03-Apr-21', 'C00001','S00001', '07-Apr-21', 'Fulfilled');
1 row created.
SQL> INSERT INTO SALES_ORDER values(046866, '20-May-21', 'C00004','S00002', '07-Apr-21', 'Cancelled');
1 row created.
SQL> INSERT INTO SALES_ORDER values(019008, '24-May-21', 'C00005','S00004', '26-May-21', 'In Process');
1 row created.
```

```
SQL> SELECT*FROM SALES_ORDER;
```

ORDER_	ORDERDATE	CLIENT	SALESM	DELYDATE	ORDERSTATUS
019001	12-JAN-21	C00001	S00001	20-JAN-21	In Process
19002	25-JAN-21	C00002	S00002	27-JAN-21	Cancelled
46865	18-FEB-21	C00003	S00003	20-FEB-21	Fulfilled
19003	03-APR-21	C00001	S00001	07-APR-21	Fulfilled
46866	20-MAY-21	C00004	S00002	07-APR-21	Cancelled
19008	24-MAY-21	C00005	S00004	26-MAY-21	In Process

6 rows selected.

