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**ASSIGNMENT-1**

**CLIENT\_MASTER TABLE:**

create table CLIENT\_MASTER(Client\_No varchar(6),Name varchar(20),City varchar(20),Pincode number(6),Bal\_due number(7));

insert into CLIENT\_MASTER values ('C00001','SMITHA JAIN','Mumbai',400054,15000);

insert into CLIENT\_MASTER values ('C00002','VANDANA RAO','Chennai',780001,0);

insert into CLIENT\_MASTER values ('C00003','PREM PUJARI','Mumbai',400057,5000);

insert into CLIENT\_MASTER values ('C00004','BASU NATH','Mumbai',400056,0);

insert into CLIENT\_MASTER values ('C00005','RAVI SHANKAR','Delhi',100001,2000);

insert into CLIENT\_MASTER values ('C00006','ROOPA','Mumbai',400050,0);

**SALE\_ORDER:**

create table SALE\_ORDER(Order\_No varchar(6),Order\_Date varchar(10),Client\_No varchar(6), Salesman\_No varchar(6),Dely\_Date varchar(10),Order\_Status varchar(15));

insert into SALE\_ORDER values ('O19001','12-Jan-13','C00001','S00001','20-Jan-13','In process');

insert into SALE\_ORDER values ('O19002','25-Jan-13','C00002','S00002','27-Jan-13','Cancelled');

insert into SALE\_ORDER values ('O46865','18-Feb-13','C00003','S00003','20-Feb-13','Fulfilled');

insert into SALE\_ORDER values ('O19003','03-Apr-13','C00001','S00001','07-Apr-13','Fulfilled');

insert into SALE\_ORDER values ('O46866','20-May-13','C00004','S00002','07-Apr-13','Cancelled');

insert into SALE\_ORDER values ('O19008','24-Jan-13','C00005','S00004','26-May-13','In process');

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| --- | --- |
|  | **1.List all details from the client\_master table for clients whose Bal\_due = 0.** |
|  | select \* from CLIENT\_MASTER where Bal\_due=0;  **2.Update table client\_master, Change city of Client\_no C00004 to Jaipur.** |
|  | update CLIENT\_MASTER set City='Jaipur' where Client\_No='C00004';  **3.Retrieve records of clients residing in Mumbai.**  select \* from CLIENT\_MASTER where City='Mumbai';   |  |  | | --- | --- | | **4.** | **Find the name and address of customer who has placed Order\_no 'O19003' and 'O19002' respectively.** |   select c.name,c.city from client\_master c join sale\_order s on c.client\_no=s.client\_no where s.order\_no in ('O19003','O19002'); |
|  |
|  | **5.Construct English like sentence from the table client\_master ({Customer name} live in the city of {city}).**  select Name || ' live in the city of ' || City || '.' from CLIENT\_MASTER;   |  |  | | --- | --- | | **6.** | **List the client\_no, name, city and pincode of clients whose Order\_status is "In process".** |   select c.client\_no,c.name,c.city,c.Pincode from client\_master c join sa  le\_order s on c.client\_no=s.client\_no where (s.order\_status='In process'); |