

Lab Assignment 2

Part 1

Create the following tables

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

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	bC00001	S00001	07-Apr-13	Fulfilled
O46866	20-May-13	C00004	S00002	07-Jun-13	Cancelled
O19008	24-May-13	C00005	S00004	26-May-13	In process

Write SQL commands for the following:

1. List all details from the client_master table for clients whose Bal_due = 0.
2. Update table client_master, Change city of Client_no C00004 to Jaipur.
3. Retrieve records of clients residing in Mumbai.
4. Find the name and address of customer who has placed Order_no 'O19003' and 'O19002' respectively.
5. Construct English like sentence from the table client_master ({Customer name} live in the city of {city}).
6. List the client_no, name, city and pincode of clients whose Order_status is "In process".

Part 2

Create the following tables

Table - I (EMPLY)

Data for Client_Master				
Empcode	Empname	Address	Age	Dept_Code
E101	Anjaly	Anjaly Nivas, Thiruvalla	25	D301
E102	Bobby	Alapuzha	28	D305
E103	Aravind	Chennai	31	D305
E104	Lakshmi	Mannar	55	D707
E105	Daisy	Chaithram, Angamaly	35	D707
E106	Esha	Mumbai	23	D707
E107	Georgy	Pala	45	D909
E108	Prakash	Vennikulam	36	D110
E109	Madhavan	Mynakum, Kottayam	46	D202
E110	Anugraha	Aparna, Angamaly	47	D301
E111	Deva	Trichy	38	D301
E112	Saju	Dhanya, Ernakulam	27	D202
E113	Priyesh	Priya Nivas, Kottayam	26	D302

Table - II (PAYSLIP)

Data for Sale_Order			
Empcode	Basic	HRA	DA
E101	4000	1900	1500
E102	4500	2200	2000
E103	5000	2800	2200
E104	7000	3000	2700
E105	3000	1500	1200
E106	5700	3000	2900
E107	6200	3300	3000
E108	5700	3700	3000
E109	7500	4660	545
E110	5000	300	100
E111	6000	200	120

Write SQL commands for the following:

1. Update table EMPLOY, add 15 years of age to employee with EMPLOYEE 'E107'.
2. Create a view which shows details of employees whose age is between 35 and 45.
3. Retrieve empcode, empname, address, Netpay from EMPLOY and PAYSLIP. Display in ascending order of empcode.

- 4.** Create an English like sentence to display the following output from payslip table. "Employees with empcode E101 draws a basic salary 4000".
- 5.** List the names and address of employees drawing a basic salary between 5000 and 7000.
- 6.** Add new column Total_Sal in the PAYSLIP table and display all details including total salary for Employees with Empcode > E107.