

CC – 212 Database Management Systems - II (Prac) Assignment Questions

1. CUST(CID,CNAME,CCITY,DOB)
PROD(PID,PNAME,PCOST,PPOFIT)
SALE_DETAIL(CID,PID,SALE,SALE_DATE)

- 1) Write a query that display sales detail of all customers based on sale date.
- 2) Display the Name of customers who are born in 1985.
- 3) Display the name of product starts with "s".
- 4) Display details of product having maximum sales.

2. BRANCH_MASTER(B_NO,B_NAME,LOCATION)
CUSTOMER_MASTER(C_NO,C_NAME,GENDER,DOB,CITY,CONTACT_NO)
ACCOUNT_MASTER(ACC_NO,ACC_TYPE,B_NO,C_NO,OPEN_DATE,CURR_BALANCE)

- 1) Display details of male customers only.
- 2) Display the details of account opened in 1999.
- 3) List all records where current balance not less than 4000.
- 4) List all branch names where branch number is 1 or 3.

3. EMP(EMP_NO,EMP_NAME,DESIGNATION,MGR_NO,HIREDATE,SALARY,
COMMISSION,DEPT_NO)
DEPT(DEPT_NO,DEPT_NAME,LOCATION)

- 1) List DEPTNO as DEPARTMENT NUMBER, Count of Employees as "Number of Employees" FROM Employee table.
- 2) List all employees who earn more than the average salary of their departments.
- 3) List DEPTNO, sum of salary department wise of employees who earn more than 2000.
- 4) Create a view on all the employee details of deptno=10.

4. PERSON (P_ID, LASTNAME, FIRSTNAME, ADDRESS, CITY)
ORDER (O_ID, ORDERNO, P_ID,ORDER_PRICE)

- 1) List all persons in Norway and USA:
- 2) Select only the records with NULL values in the "Address" column
- 3) List firstname,lastname with an Order month "November".
- 4) Count the no of persons having average order price=20;

5. PROGRAMMER(NAME,DOB,DOJ,PROF1,PROF2,SALARY)
SOFTWARE(NAME,TITLE,DEV_IN,SCOST,DCOST,SOLD)
STUDIES (NAME,SPLACE,COURSE,CCOST)

- 1) How many programmers have done the PGDCA course.
- 2) Display the institute names from the Studies table without Duplicates.
- 3) Display details of software having maximum scost.
- 4) Display the names of the programmers whose names contain 2 Occurrences of the letter „A“:

6. Create the following Tables:

Branch

Column name	Data type	Constraint_1	Constraint_2
Branch_no	Number(4)	Primary key	
BName	Varchar2(30)	NOT NULL	
Location	Varchar2(30)		

Branch_no	BName	Location
1	Saraswatinagar Indian Bank	Dholakpur
2	Varsowa bridge Indian Bank	Varsowa
3	K. R. Singh Road Indian Bank	Kochin

Customer

Column name	Data type	Constraint_1	Constraint_2
Customer_no	Number(4)	Primary key	
CName	Varchar2(30)	NOT NULL	
Gender	Char(1)		
Birth_Date	Date		
City	Varchar2(30)		
ContactNo	Number(10)		

Customer_no	CName	Gender	Birth_Date	City	ContactNo
1	Dharmesh Patel	Male	12-Jun-75	Delhi	28834770
2	Keval Singh	Male	14-Aug-75	Delhi	28845780
3	Minaxi Patel	Female	13-Jan-76	Jaipur	27844340
4	KyatiPatil	Female	14-Feb-79	Pune	31873420
5	Jayant Singh	Male	31-Dec-80	Pune	32266450

Account

Column name	Data type	Constraint_1	Constraint_2
Account_no	Number(4)	Primary Key	
Acc_Type	Char(2)	NOT NULL	
Branch_no	Number(4)	NOT NULL	Foreign Key
Customer_no	Number(4)	NOT NULL	Foreign Key
Open_Date	Date		
Current_Banalce	Number(9,2)		

Account_no	Acc_type	Branch_no	Customer_no	Open_Date	Current_Balance
101	SB	1	1	12-Jan-99	4100.9
102	SB	1	2	03-Feb-99	5200.75
103	CA	2	1	24-Feb-99	1000
104	SB	2	5	03-Mar-99	25000
105	FD	2	2	06-Aug-00	10000
106	CA	3	3	22-jan-01	400
107	CA	3	5	22-feb-01	6022.45
108	SB	1	1	5-may-01	3000

Solve following queries.

- 1 List all customers' details.
- 2 List all account's account no, account type and current balance.
- 3 Give branch name for branch no=1.
- 4 Show all male customers' name only.

- 5 Show all female customers following by male customers.
- 6 Give the distinct set of account types.
- 7 Find the customer having more than one account.**
- 8 Find the customer having no account.**
- 9 Find the customer's detail that has at-least one account.**
- 10 List all customer's having Saving bank account only.**
- 11 List all records where account opened in year 1999.
- 12 List all records where current balance not less than 4000.
- 15 List all branch names where branch no either 1 or 3.
- 16 List all customers are whose contact line series start by 288.
- 17 Arrange all account's details in descending order.
- 18 List all details whose account opening date is not relaying in year 2000.
- 19 List all customers whose last name is Patel.
- 20 List first 5 account entries.**
- 21 Deduct 1500 rupees from account no 105.
- 22 Give 500 rupees increment to account which is in Versowa branch.**
- 23 Give 500 rupees increment to accounts opened in January.
- 24 Set City to Gandhinagar for all customers where contact no series start by 2.
- 25 Remove all accounts which are opened after February 2001.
- 26 Remove all accounts where balance is lower than 5000
- 27 Remove all current accounts from Kochin's branch.**
- 29 Remove all customers whose age is more than 30 years.
- 30 Remove all contact numbers for each customer.
- 31 Remove all customers' list that lives in pune or jaipur.
- 32 Remove all branch details.
- 33 Add New column named as status with data type as CHAR (1) in ACCOUNT table
- 34 Set data type to varchar2 (50) for city in CUSTOMER table.
- 35 Remove the column named as contact number from CUSTOMER table's schema.
- 36 Create new table BK_CUST_MAST from CUSTOMER table.
- 37 Rename table name from CUSTOMER by NEW_CUSTOMER_LIST.
- 38 Remove the table ACCOUNT