

SQL Assignment

Assignment No. 1

1. Create the Tables according to the following Definition -

Table Deposit

ACTNO	VARCHAR2(5)
CNAME	VARCHAR2(20)
BNAME	VARCHAR2(18)
AMOUNT	NUMBER(8,2)
ADATE	DATE

Table Branch

BNAME	VARCHAR2(18)
CITY	VARCHAR2(18)

Table Customer

CNAME	VARCHAR2(20)
CITY	VARCHAR2(18)

Table Borrow

LOANNO	VARCHAR2(5)
CNAME	VARCHAR2(20)
BNAME	VARCHAR2(18)
AMOUNT	NUMBER(8,2)

2. Describe tables which are already created
3. Insert the following Data

Table Deposit

Account NumberCusto mer Name	Branch Name	Amount	Amount Date
100ANIL	VRCE	1000	01/03/95
101SUNIL	AJNI	5000	04/01/96
102MEHUL	KAROLBAGH	3500	17/11/95
103MADHURI	MG ROAD	1200	17/12/95
104PRAMOD	ANDHERI	3000	31/03/96
105SANDIP	VIRAR	2000	05/09/95
106SHIVANI	NEHRU PALACE	1000	02/06/95
107KRANTI	POWAI	5000	10/08/95
108SHALINI	VRCE	7000	28/10/96
109SANJANA	ANDHERI	4000	04/04/96

Table Branch

Branch Name	City
VRCE	NAGPUR
AJNI	NAGPUR
KAROLBAGH	DELHI
MG ROAD	BANGLORE
ANDHERI	MUMBAI
VIRAR	MUMBAI
NEHRU PALACE	DELHI
POWAI	MUMBAI
GE ROAD	BANGLORE
ANDHERI	MUMBAI

Table Customer

Customer Name	City
ANIL	KOLKATA
SUNIL	DELHI
MEHUL	BARODA
MADHURI	PATNA
PRAMOD	NAGPUR
SANDIP	NAGPUR
SHIVANI	SURAT
KRANTI	MUMBAI
SHALINI	MUMBAI
SANJANA	MUMBAI

Table Borrow

Loan Number	Customer Name	Branch Name	Amount
201	ANIL	VRCE	10000
206	MEHUL	KAROLBAGH	50000
311	SUNIL	AJNI	30000
321	MADHURI	ANDHERI	20000
375	PRAMOD	VIRAR	80000
481	SANJANA	NEHRU PALACE	30000

Assignment No. 2

- List all data from table DEPOSIT
- List all data from table BORROW
- List all data from table CUSTOMER
- List all data from table BRANCH
- Give Account No. And amount of depositors
- Give customer name and account no. Of depositors
- Give names of Customers
- Give names of branches
- Give names of borrower
- Give names of customers living in City Nagpur
- Give names of depositors having amount greater than 4000
- Give account date of customer Anil
- Give names of all branches located in city Mumbai.
- Give names of borrower having loan no 205
- Give names of depositors having account at VRCE
- Give names of all branches located in City Delhi
- Give names of customers who opened account after date 01/12/96
- Give account number and deposit amount of customer having account opened between dates 1-12-96 and 01-06-96
- Give names of the city where branch Karolbagh is located
- Give details of Customer Anil

Assignment No. - 3

- Give name of Customer having living city Mumbai and Branch city Nagpur
- Give names of Customer having the same living city as their Branch City.
- Give names of Customers who are borrowers as well as depositors and living city Nagpur
- Give names of Customers who are depositors and have the same branch city as that of Mr. Sunil
- Give names of depositors having the same living city as that of Mr. Anil and having the deposit amount greater than 2000.
- Give names of borrowers having deposit amount greater than 1000 and loan amount greater than 20000
- Give names of depositors having the same branch as the branch of Sunil
- Give names of borrowers having loan amount greater than the loan amount of Pramod
- Give names of customers living in the City where branch of Depositor Sunil is located
- Give loan number and loan amount of borrowers having the same branch as that of Sunil
- Give loan number, Loan Amount, Account number and deposit amount of customer having in city Nagpur

- Give oan number, Loan Amount, Account number and deposit amount of customer having branch located in Mumbai
- Give oan number, Loan Amount, Account number, deposit amount, Branch Name, Branch City and Living City of Pramod
- Give deposit details and loan details of customer in the city where Pramod is living
- Give names of depositers having the same branch city as that of Mr. Sunil and having the same living city as that of Mr. Anil
- Give names of depositers having amount greater than 5000 and having the same living city as Mr. Pramod
- Give city of customer having the same branch city as that of Mr. Pramod
- Give branch city and living city of Pramod
- Give branch city of Sunil and branch city of Anil
- Give the living city of Mehul and the living City of Sanjana

Assignment No. - 4

- List all the customers who are depositers but not borrowers
- List all the customers who are both depositers and borrowers.
- List all the customers, along with their amount who are either borrowers or depositers and living city Nagpur
- List all the depositers having deposit in all the branches where Sunil is having an account.
- List all the customers living in City Nagpur and having branch city Mumbai or Delhi
- List all the depositers living in city Nagpur
- List all the depositers living in city Nagpur and having branch in city Mumbai
- List the branch city of Anil and Sunil
- List the customers having deposit greater than 1000 and loan less than 10000.
- List the borrowers having branch city same as that of Mr. Sunil.
- List the cities of depositers having branch VRCE
- List the depositor having tha same living city as that of Mr. Sunil and the same branch city as that of mr. Sunil.
- List the depositers having amount less than 1000 and living in the same city as Mr. Anil
- List all the customers who are both depositers and borrowers and living in the same city as Mr. Anil
- List all the cities where branches of Anil and Sunl are located
- List all the customers name and amount for depositers living in the city where either Anil or Sunil is Living
- List the amount for the depositers living in the city whete Anil is living
- List the cities which are either branch city of Anil or living city of Sunil
- List the customers who are borrowers or depositers and having living city Nagpur and branch city as that of Mr. Sunil.
- List the customers who are both borrowers and depositers and having the same branch city as that of Mr. Anil.

Assignment No. - 5

1. List total loan
2. List total deposit
3. List total loan taken from Karolbagh branch.
4. List total deposit of customer having account date later than 1 Jan 96.
5. List total deposit of customers living in city Nagpur
6. List maximum deposit of customer living in Mumbai
7. List total deposit of cutomers having branch city Delhi
8. List total deposit of customers living in city where Sunil is living.
9. Count total number of Branch cities
10. Count total number of Customer cities
11. Give branch name and branchwise deposit
12. Give city name and citywise deposit
13. Give citywise name and branchwise deposit
14. Give the branchwise deposit of customer after account date 1 Jan 96
15. Give branchwise loan of customer living in Nagpur
16. Count total number of Customers
17. Count total number of depositers branchwise
18. Give maximum loan from branch VRCE
19. Give living citywise loan of borrowers
20. Give the number of customers who are depositers as well as borrowers

Assignment No. - 6

Group by and Having

- List the branches having sum of deposit more than 50000
- List the branches having a sum of deposit more than 50000 and located in city Mumbai
- List the names of customers having deposit in the branches where the average deposit is more than 50000
- List the names of customers having maximum deposit
- List the names of customers having maximum deposit living in Nagpur
- List the names of branches having the highest number of depositor
- Count the number of depositors living in Nagpur
- Give names of customers in VRCE branch having more deposit than all customer from SB branch Andheri
- Give names of customers in VRCE branch having more deposit than any other customer in Andheri branch
- Give names of customers having highest deposit in the branch where sunil is having deposit
- Give names of customers having highest deposit in the city where branch of Sunil is located
- Give names of customers having more deposit than the average deposit in their respective branches.
- Give names of customers having maximum deposit among deposits of Nagpur for branch VRCE.
- Give name of branch where number of depositors is more than 5.
- Give name of city having more customers living in than Nagpur
- Give names of branches having the number of depositors more than the number of borrowers.
- Give the names of cities in which the maximum number of branches are located.
- Give the names of customers living in the city where the maximum number of depositors are located
- Give the name of borrowers having the same branch city and highest borrowers.
- Count the number of customers living in the city where branch is located

Assignment No. - 7

The Update statement

1. Give 10% interest to all depositors
2. Give 10% interest to all depositors having branch VRCE
3. Give 10% interest to all depositors living in Nagpur
4. Give 10% interest to all depositors living in Nagpur and having branch in city Mumbai
5. Add hundred rupees to the deposit of Anil and assign it to Sunil.
6. Change the deposit of VRCE branch to 1000 and change the branch as VRCE-Ambazari
7. Assign to the deposit of Anil the maximum deposit from VRCE branch
8. Change the living city of VRCE branch Borrowers to Nagpur.
9. Update deposit of Anil, give him maximum deposit from depositors in living city Nagpur
10. Deposit the sum of the deposits of Sunil and Vijay in the account of Anil.
11. Transfer Rs. 500 from the account of Anil to the account of Sunil
12. Transfer Rs. 500 from the account of Anil to the account of Sunil if both are having the same branch.
13. Transfer Rs. 10 from the account of Anil to the account of Sunil if both are living in Nagpur.
14. Transfer Rs. 10 from the account of Anil to the account of Sunil if they are living in the same city.
15. Transfer Rs. 10 from the account of Anil to the account of Sunil if they are having the same branches.
16. Add Rs. 1000 to the account of all those depositors who are having the highest deposit amount in their respective branches.
17. Add Rs. 100 to the amount of all depositors having deposit higher than the average deposit.
18. Add Rs. 100 to the amount of all depositors having deposit higher than the average deposit of their branch
19. Add Rs. 100 to the amount of all customers living in the city where their branch is located
20. Add Rs. 100 to the amount of all depositors having deposit higher than the average deposit of their branch.

Assignment No. - 8

The Delete Statement

1. Delete depositors of branches having the number of customer between 1 and 3
2. Delete branches having average deposit less than 5000
3. Delete the branches having maximum loan more than 5000
4. Delete branches of having deposit from Nagpur
5. Delete deposit of Anil and Sunil if both are having branch VIRAR

6. Delete deposit of Anil and Sunil if both are having living city Nagpur
7. Delete deposit of Anil and Sunil if both are having same living city
8. Delete deposit of Anil and Sunil if both are having less deposit than Vijay
9. Delete deposit of vijay
10. Delete customer from Bombay City
11. Delete depositor if the branch is VIRAR and depositor name is Ajay
12. Delete depositor having deposit less than 5000
13. Delete borrower having loan more than 1000 and branch Karolbagh
14. Delete the names of those depositors of VRCE branch who live in city Bombay