MS SQL queries for **SELECT** statement.

Create database with name: **BANK_INFO**

Create the following tables under **BANK_INFO** database.

DEPOSIT	
COLUMN_NAME	**DATATYPE**
ACTNO	INT
CNAME	VARCHAR (50)
BNAME	VARCHAR (50)
AMOUNT	DECIMAL (8,2)
ADATE	DATETIME

BRANCH	
COLUMN_NAME	**DATATYPE**
BNAME	VARCHAR (50)
CITY	VARCHAR (50)

CUSTOMERS	
COLUMN_NAME	**DATATYPE**
CNAME	VARCHAR (50)
CITY	VARCHAR (50)

BORROW	
COLUMN_NAME	**DATATYPE**
LOANNO	INT
CNAME	VARCHAR (50)
BNAME	VARCHAR (50)
AMOUNT	DECIMAL (8,2)

Insert the following data in tables.

DEPOSIT				
ACTNO	**CNAME**	**BNAME**	**AMOUNT**	**ADATE**
101	ANIL	VRCE	1000.00	1-3-1995
102	SUNIL	AJNI	5000.00	4-1-1996
103	MEHUL	KAROLBAGH	3500.00	17-11-1995
104	MADHURI	CHANDI	1200.00	17-12-1995
105	PRAMOD	M.G. ROAD	3000.00	27-3-96
106	SANDIP	ANDHERI	2000.00	31-3-1996
107	SHIVANI	VIRAR	1000.00	5-9-1995
108	KRANTI	NEHRU PLACE	5000.00	2-7-1995
109	MINU	POWAI	7000.00	10-8-1995

BRANCH	
BNAME	**CITY**
VRCE	NAGPUR
AJNI	NAGPUR
KAROLBAGH	DELHI
CHANDI	DELHI
DHARAMPETH	NAGPUR
M.G. ROAD	BANGALORE
ANDHERI	BOMBAY
VIRAR	BOMBAY
NEHRU PLACE	DELHI
POWAI	BOMBAY

CUSTOMERS	
CNAME	**CITY**
ANIL	CALCUTTA
SUNIL	DELHI
MEHUL	BARODA
MANDAR	PATNA
MADHURI	NAGPUR
PRAMOD	NAGPUR
SANDIP	SURAT
SHIVANI	BOMBAY
KRANTI	BOMBAY
NAREN	BOMBAY

BORROW			
LOANNO	**CNAME**	**BNAME**	**AMOUNT**
201	ANIL	VRCE	1000.00
206	MEHUL	AJNI	5000.00
311	SUNIL	DHARAMPETH	3000.00
321	MADHURI	ANDHERI	2000.00
375	PRAMOD	VIRAR	8000.00
481	KRANTI	NEHRU PLACE	3000.00

QUERIES -

Retrieve all the data from table DEPOSIT. **SELECT * FROM DEPOSIT**
Retrieve all the data from table BORROW. **SELECT * FROM BORROW**
Retrieve all the data from table CUSTOMERS. **SELECT * FROM CUSTOMERS**
Display account no, customer name and amount from BORROW. **SELECT ACTNO AS [ACCOUNT NO], CNAME AS [NAME], AMOUNT AS [AMOUNT] FROM BORROW**
Display loan no and amount from BORROW. **SELECT LOANNO AS [LOAN NO], AMOUNT AS [AMOUNT] FROM BORROW**
Display loan details of all customers who belongs to 'ANDHERI' branch. **SELECT * FROM BORROW** **WHERE BRANCH = 'ANDHERI'**
Give account no and amount of depositor, whose account no is equals to 106. **SELECT ACTNO AS [ACCOUTN NO], AMOUNT AS [AMOUNT] FROM DEPOSIT** **WHERE ACTNO = 106**
Give name of borrowers having amount greater than 5000. **SELECT CNAME AS [NAME] FROM BORROW** **WHERE AMOUNT > 5000**
Give name of customers who opened account after date '1-12-96'. **SELECT CNAME AS [NAME] FROM DEPOSIT** **WHERE ADATE > '1996/12/01'**
Display name of customers whose account no is less than 105. **SELECT CNAME AS [NAME] FROM DEPOSIT** **WHERE ACTNO < 105**
Display name of customer who belongs to either 'NAGPUR' Or 'DELHI'. (OR & IN) **SELECT CNAME AS [NAME] FROM CUSTOMERS**

WHERE CITY = 'NAGPUR'
OR CITY = 'DELHI'

SELECT CNAME AS [NAME] FROM CUSTOMERS
WHERE CITY IN ['NAGPUR','DELHI']

Display name of customers with branch whose amount is greater than 4000 and account no is less than 105.

SELECT CNAME AS [NAME], BNAME AS [BRANCH] FROM DEPOSIT
WHERE AMOUNT > 4000
AND ACTNO < 105

Find all borrowers whose amount is greater than equals to 3000 & less than equals to 8000.

SELECT * FROM BORROW
WHERE AMOUNT >= 3000
AND AMOUNT <= 8000

SELECT * FROM BORROW
WHERE AMOUNT BETWEEN 3000 AND 8000

Find all depositors who do not belongs to 'ANDHERI' branch.

SELECT * FROM DEPOSIT
WHERE BNAME <> 'ANDHERI'

Display the name of borrowers whose amount is NULL.

SELECT CNAME AS [NAME] FROM BORROW
WHERE AMOUNT IS NULL

Display Account No, Customer Name & Amount of such customers who belongs to 'AJNI', 'KAROLBAGH' Or 'M.G. ROAD' and Account No is less than 104.

SELECT ACTNO AS [ACCOUTNO], CNAME AS [NAME], AMOUNT AS [AMOUNT] FROM DEPOSIT
WHERE BNAME IN ['AJNI','KAROLBAGH','M.G. ROAD']
AND ACTNO < 104

Display all the details of first five customers.

SELECT TOP 5 * FROM DEPOSIT

Display all the details of first three depositors whose amount is greater than 1000.

SELECT TOP 3 * FROM DEPOSIT
WHERE AMOUNT > 1000

Display Loan No, Customer Name of first five borrowers whose branch name does not belongs to 'ANDHERI'.

SELECT LOANNO AS [LOAN NO], CNAME AS [NAME] FROM DEPOSIT **WHERE BNAME <> 'ANDHERI'**
Retrieve all unique cities using DISTINCT. (Use Customers Table) **SELECT DISTINCT CITY AS [CITY] FROM CUSTOMERS**
Retrieve all unique branches using DISTINCT. (Use Branch Table) **SELECT DISTINCT BNAME AS [BRANCH] FROM BRANCH**
Retrieve all the records of customer table as per their city name in ascending order. **SELECT * FROM CUSTOMERS** **ORDER BY CITY ASC**
Retrieve all the records of deposit table as per their amount column in descending order. **SELECT * FROM DEPOSIT** **ORDER BY AMOUNT DESC**
Retrieve all the details of customers in which descending order of their city name. **SELECT * FROM CUSTOMERS** **ORDER BY CITY DESC**
Show all unique borrowers & label the column UNI_Borrowers. (Display only Names) **SELECT DISTINCT CNAME AS [UNI_BORROWERS] FROM BORROW**