**PRACTICAL – 1**

PROGRAM -1

AIM- **a. Create tables according to the following definition.**

CODE-

|  |
| --- |
| CREATE DATABASE P1;  SHOW DATABASES;  USE P1;  CREATE TABLE DEPOSITS (  ACTNO VARCHAR(20),  CNAME VARCHAR(50),  BNAME VARCHAR(50),  AMOUNT VARCHAR(50),  ADATE VARCHAR(20)  ); |

OUTPUT-

|  |
| --- |
|  |

PROGRAM -2

AIM- **b. Insert the data as shown below:**

CODE-

|  |
| --- |
| INSERT INTO DEPOSIT(ACTNO,CNAME,BNAME,AMOUNT,ADATE)  VALUES("100","ANIL","VRCE","1000.00","1-MAR-95"),  ("101", "SUNIL", "AJNI", "5000.00", "4-JAN-96"),  ("102", "MEHUL", "KAROLBAGH", "3500.00", "17-NOV-95"),  ("104", "MADHURI", "CHANDI", "1200.00", "17-DEC-95"),  ("105", "PRAMOD", "M.G.ROAD", "3000.00", "27-MAR-96"),  ("106", "SANDIP", "ANDHERI", "2000.00", "31-MAR-96"),  ("107", "SHIVANI", "VIRAR", "1000.00", "5-SEP-95 "),  ("108", "KRANTI", "NEHRU PLACE", "5000.00", "2-JUL-95"),  ("109", "MINU", "POWAI", "7000.00", "10-AUG-95"); |

OUTPUT-

|  |
| --- |
|  |

PROGRAM -3

AIM- **c. Create tables according to the following definition with data.**

**BRANCH TABLE**

CODE-

|  |
| --- |
| create table Branch(BNAME VARCHAR(50),CITY VARCHAR(50));  INSERT INTO Branch (BNAME,CITY)  VALUES("VRCE","NAGPUR"),  ("AJNI","NAGPUR"),  ("KAROLBAGH","DELHI"),  ("CHANDI","DELHI"),  ("DHARAMPETH","NAGPUR"),  ("M.G.ROAD","BANGLORE"),  ("ANDHERI","BOMBAY"),  ("VIRAR","BOMBAY"),  ("NEHRU PLACE","DELHI"),  ("POWAI","BOMBAY"); |

OUTPUT-

|  |
| --- |
|  |

**CUSTOMERS TABLE**

CODE –

|  |
| --- |
| create table Customers(CNAME VARCHAR(50),CITY VARCHAR(50));  INSERT INTO Customers (CNAME,CITY)  VALUES("ANIL","CALCUTTA"),  ("SUNIL","DELHI"),  ("MEHUL","BARODA"),  ("MANDAR","PATNA"),  ("MADHURI","NAGPUR"),  ("PRAMOD","NAGPUR"),  ("SANDIP","SURAT"),  ("SHIVANI","BOMBAY"),  ("KRANTI","BOMBAY"),  ("NAREN","BOMBAY"); |

OUTPUT-

|  |
| --- |
|  |

**BORROW TABLE**

CODE –

|  |
| --- |
| create table Borrow(LOANNO VARCHAR(20),CNAME VARCHAR(50),BNAME VARCHAR(50),AMOUNT VARCHAR(20));  INSERT INTO Borrow (LOANNO,CNAME,BNAME,AMOUNT)  VALUES("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"); |

OUTPUT-

|  |
| --- |
|  |

🡺From the above given tables perform the following queries:

AIM- (1) Describe branch, borrow, customer.

CODE-

|  |
| --- |
| DESCRIBE BRANCH;  DESCRIBE BORROW;  DESCRIBE CUTOMERS; |

OUTPUT-

|  |
| --- |
| BRANCH:-    BORROW:-    CUSTOMERS:- |

AIM- (2) Describe deposit.

CODE-

|  |
| --- |
| DESCRIBE DEPOSIT; |

OUTPUT-

|  |
| --- |
|  |

AIM- (3) List all data from table DEPOSIT.

CODE-

|  |
| --- |
| SELECT \* FROM DEPOSIT; |

OUTPUT-

|  |
| --- |
|  |

AIM- (4) List all data from table BORROW.

CODE-

|  |
| --- |
| SELECT \* FROM BORROW; |

OUTPUT-

|  |
| --- |
|  |

AIM- (5) List all data from table CUSTOMERS.

CODE-

|  |
| --- |
| SELECT \* FROM CUSTOMERS; |

OUTPUT-

|  |
| --- |
|  |

AIM- (6) List all data from table BRANCH.

CODE-

|  |
| --- |
| SELECT \* FROM BRANCH; |

OUTPUT-

|  |
| --- |
|  |

AIM- (7) Give account no and amount of depositors.

CODE-

|  |
| --- |
| SELECT ACTNO, AMOUNT FROM DEPOSIT; |

OUTPUT-

|  |
| --- |
|  |

AIM- (8) Give name of depositors having amount greater than 4000.

CODE-

|  |
| --- |
| SELECT CNAME FROM DEPOSIT WHERE AMOUNT > "4000"; |

OUTPUT-

|  |
| --- |
|  |

AIM- (9) Give name of customers who opened account after date '1-12-95'.

CODE-

|  |
| --- |
| SELECT CNAME, BNAME FROM DEPOSIT WHERE ADATE > "1995-12-01"; |

OUTPUT-

|  |
| --- |
|  |