**Name: RESHMA K.S**

**Roll No:27**

**Batch:B**

**Date:25-03-2022**

**20MCA134 - ADVANCED DBMS LAB**

**Experiment No.: 1**

**Aim**

To study various DDL commands – CREATE

**QUESTION**

Create the following Tables

#### Table 1: DEPOSIT

ACTNO VARCHAR2(5) PRIMARY KEY, FIRST LETTER MUST START WITH ‘D’ CNAME VARCHAR2(15) FOREIGN KEY REFERENCES CUSTOMER

BNAME VARCHAR2(20) FOREIGN KEY REFERENCES BRANCH AMOUNT NUMBER (8,2) NOT NULL, CANNOT BE 0

ADATE DATE

#### Table 2: BRANCH

BNAME VARCHAR2(20) PRIMARY KEY

CITY VARCHAR2(30) NOT NULL , any one of NAGPUR, DELHI, BANGALORE, BOMBAY

#### Table 3: CUSTOMER

CNAME VARCHAR2(15) PRIMARY KEY CITY VARCHAR2(20) NOT NULL ,

#### Table 4: BORROW

LOANNO VARCHAR2(8) PRIMARY KEY / FIRST LETTER MUST START WITH ‘L’ CNAME VARCHAR2(15) FOREIGN KEY REFERENCES CUSTOMER

BNAME VARCHAR2(20) FOREIGN KEY REFERENCES BRANCH AMOUNT NUMBER(8,2) NOT NULL, CANNOT BE 0

**Procedure**

**COMMANDS:**

CREATE DATABASE DBMS;

USE DBMS;

CREATE TABLE CUSTOMER (CNAME VARCHAR(15) PRIMARY KEY ,CITY VARCHAR(20) NOT NULL );

CREATE TABLE BRANCH (BNAME VARCHAR(20) PRIMARY

KEY,CITY VARCHAR(30) CHECK (CITY IN('NAGPUR','DELHI','BANGALORE','BOMBAY')) NOT NULL);

CREATE TABLE BORROW (LOANNO VARCHAR(8) CHECK (LOANNO LIKE 'L%') PRIMARY KEY,CNAME VARCHAR(15)REFERENCES CUSTOMER(CNAME) ,

BNAME VARCHAR(20) REFERENCES BRANCH(BNAME),AMOUNT FLOAT(8) CHECK (AMOUNT>0) NOT NULL);

CREATE TABLE DEPOSIT (ACTNO VARCHAR(5) CHECK (ACTNO LIKE 'D%') PRIMARY KEY ,CNAME VARCHAR(15) REFERENCES CUSTOMER(CNAME) ,

BNAME VARCHAR(20) REFERENCES BRANCH(BNAME),AMOUNT FLOAT(8) CHECK (AMOUNT>0) NOT NULL, ADATE DATE);

INSERT INTO CUSTOMER VALUES('ANIL','CALCUTTA');

INSERT INTO CUSTOMER VALUES('SUNIL','DELHI');

INSERT INTO CUSTOMER VALUES ('MEHUL','BARODA');

INSERT INTO CUSTOMER VALUES('MANDAR','PATNA');

INSERT INTO CUSTOMER VALUES('MADHURI','NAGPUR');

INSERT INTO CUSTOMER VALUES('PRAMOD', 'NAGPUR');

INSERT INTO CUSTOMER VALUES('SANDIP','SURAT');

INSERT INTO CUSTOMER VALUES('SHIVANI','BOMBAY');

INSERT INTO CUSTOMER VALUES('KRANTI','BOMBAY');

INSERT INTO CUSTOMER VALUES('NAREN','BOMBAY');

INSERT INTO BRANCH VALUES('VRCE','NAGPUR'),('AJNI','NAGPUR'),('KAROLBAGH','DELHI'),

('CHANDNI','DELHI'),('DHARAMPETH','NAGPUR'),('MG ROAD','BANGALORE'),('ANDHERI','BOMBAY'),

('NEHRU PALACE','DELHI'),('POWAI','BOMBAY');

INSERT INTO DEPOSIT VALUES('D100','ANIL','VRCE',1000.00,'1995-03-01');

INSERT INTO DEPOSIT VALUES('D101','SUNIL','ANJNI',500.00,'1996-01-04');

INSERT INTO DEPOSIT VALUES('D102','MEHUL','KAROLBAGH',3500.00,'1995-11-17');

INSERT INTO DEPOSIT VALUES('D104','MADHURI','CHANDNI',1200.00,'1995-12-17');

INSERT INTO DEPOSIT VALUES('D105','PRAMOD','MG ROAD',3000.00,'1996-03-27');

INSERT INTO DEPOSIT VALUES('D106','SANDIP','ANDHERI',2000.00,'1996-03-31');

INSERT INTO DEPOSIT VALUES('D107','SHIVANI','VIRAR',1000.00,'1995-09-05');

INSERT INTO DEPOSIT VALUES('D108','KRANTI','NEHRU PLACE',5000.00,'1995-07-02');

INSERT INTO DEPOSIT VALUES('D106','SANDIP','ANDHERI',2000.00,'1996-03-31');

INSERT INTO DEPOSIT VALUES('D107','SHIVANI','VIRAR',1000.00,'1995-09-05');

INSERT INTO DEPOSIT VALUES('D108','KRANTI','NEHRU PLACE',5000.00,'1995-07-02');

INSERT INTO DEPOSIT VALUES('D109','MINU','POWAI',7000.00,'1995-08-10');

INSERT INTO BORROW VALUES('L201','ANIL','VRCE',1000.00);

INSERT INTO BORROW VALUES('L206','MEHUL','AJNI',5000.00);

INSERT INTO BORROW VALUES('L311','SUNIL','DHARAMPETH',3000.00);

INSERT INTO BORROW VALUES('L321','MADHURI','ANDHERI',2000.00);

INSERT INTO BORROW VALUES('L371','PRAMOD','VIRAR',8000.00);

INSERT INTO BORROW VALUES('L481','KRANTI','NEHRU PLACE',3000.00);

SELECT \* FROM CUSTOMER;

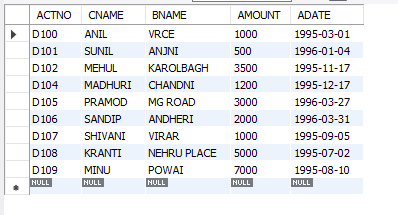
SELECT \* FROM BORROW;

SELECT \* FROM DEPOSIT;

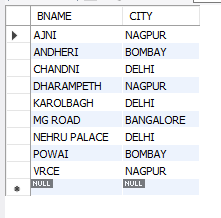
SELECT \* FROM BRANCH;

**Output Screenshot**

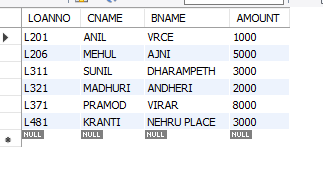
1.DEPOSIT



2.BRANCH



3.BORROW



2.CUSTOMER

