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**Roll No: 21**

**Batch: MCA-B**

**Date:25-03-2022**

**ADVANCED DATABASE MANAGEMENT LAB**

**Experiment No.: 1**

**Aim**

To study various DDL commands - CREATE

**Question**

Create the following Tables and insert values

#### 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**

CREATE DATABASE MYACCOUNT;

USE MYACCOUNT;

**BRANCH**

CREATE TABLE BRANCH(

BNAME VARCHAR(20) PRIMARY KEY,

CITY VARCHAR(30) NOT NULL );

alter table BRANCH add  CITY  Varchar(30) check( CITY in ( "NAGPUR", "DELHI"," BANGALORE","BOMBAY"));

 INSERT INTO BRANCH VALUES('VRCE','NAGPUR');

 INSERT INTO BRANCH VALUES('AJNI','NAGPUR');

INSERT INTO BRANCH VALUES('KAROLBAGH','DELHI');

 INSERT INTO BRANCH VALUES('CHANDNI','DELHI');

 INSERT INTO BRANCH VALUES('DHARAMPETH','NAGPUR');

 INSERT INTO BRANCH VALUES('MG ROAD','BANGALORE');

 INSERT INTO BRANCH VALUES('ANDHERI','BOMBAY');

 INSERT INTO BRANCH VALUES('NEHRU PALACE','DELHI');

 INSERT INTO BRANCH VALUES('POWAI','BOMBAY');

**CUSTOMER**

create table CUSTOMER

(CNAME VARCHAR(15) PRIMARY KEY ,

CITY VARCHAR(20) NOT NULL );

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');

**BORROW**

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);

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);

**DEPOSIT**

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 varchar(30));

INSERT INTO DEPOSIT VALUES('D100','ANIL','VRCE',1000.00,'1-MAR-95');

 INSERT INTO DEPOSIT VALUES('D101','SUNIL','ANJNI',500.00,'4-JAN-96');

INSERT INTO DEPOSIT VALUES('D102','MEHUL','KAROLBAGH',3500.00,'17-NOV- 95');

INSERT INTO DEPOSIT VALUES('D104','MADHURI','CHANDNI',1200.00,'17-DEC-95');

 INSERT INTO DEPOSIT VALUES('D105','PRAMOD','MG ROAD',3000.00,'27-MAR-96');

 INSERT INTO DEPOSIT VALUES('D106','SANDIP','ANDHERI',2000.00,'31-MAR-96');

 INSERT INTO DEPOSIT VALUES('D107','SHIVANI','VIRAR',1000.00,'5-SEP-95');

INSERT INTO DEPOSIT VALUES('D108','KRANTI','NEHRU PLACE',5000.00,'2-JUL- 95');

INSERT INTO DEPOSIT VALUES('D109','MINU','POWAI',7000.00,'10-AUG-95');

SELECT \* FROM myaccount.branch;

SELECT \* FROM myaccount.borrow;

SELECT \* FROM myaccount.borrow;

SELECT \* FROM myaccount.customer;

**Output Screenshot**







