JOICE JOHN

EXPERIMENT 01: Create table and Insert values

S2 RMCA B

ROLL NO: 02

Create the following Tables

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

QUERY

CREATE TABLE DEPOSIT (ACTNO VARCHAR(5)PRIMARY KEY CHECK (ACTNO LIKE "D%"), CNAME VARCHAR(15),FOREIGN KEY(CNAME) REFERENCES customer(CNAME), BNAME VARCHAR(20),FOREIGN KEY(BNAME) REFERENCES branch(BNAME), AMOUNT FLOAT(8,2)NOT NULL CHECK(AMOUNT>0), ADATE DATE);

2. BRANCH

BNAME VARCHAR2(20) PRIMARY KEY
CITY VARCHAR2(30) NOT NULL, any one of NAGPUR, DELHI, BANGALORE, BOMBAY

QUERY

CREATE TABLE BRANCH(BNAME VARCHAR(20)PRIMARY KEY, CITY VARCHAR(30)NOT NULL CHECK(CITY IN ('NAGPUR','DELHI','BANGALORE','BOMBAY')));

CUSTOMER

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

QUERY

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

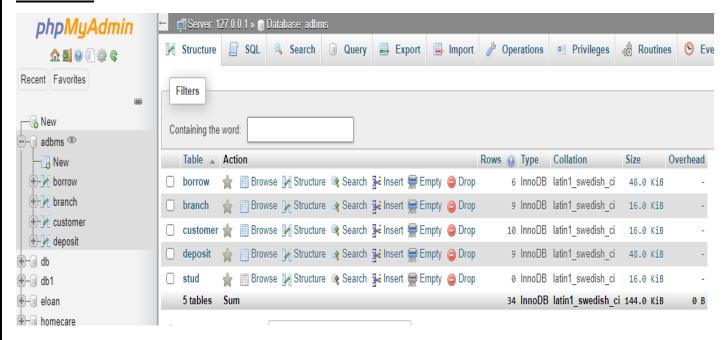
BORROW

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

QUERY

CREATE TABLE BORROW(LOANNO VARCHAR(8)PRIMARY KEY CHECK (LOANNO LIKE "L%"), CNAME VARCHAR(15),FOREIGN KEY(CNAME) REFERENCES customer(CNAME), BNAME VARCHAR(20), FOREIGN KEY(BNAME) REFERENCES branch(BNAME), AMOUNT FLOAT(8,2)NOT NULL CHECK(AMOUNT>0));

OUTPUT



INSERTION OF VALUES

1. Inserting values to Branch

VRCE NAGPUR AJNI NAGPUR

KAROLBAGH DELHI CHANDNI DELHI

DHARAMPETH NAGPUR

MG ROAD BANGALORE

ANDHERI BOMBAY

NEHRU PALACE DELHI

POWAI BOMBAY

QUERY

2. Inserting values into Customer table

ANIL CALCUTTA

SUNIL DELHI

MEHUL BARODA

MANDAR PATNA

MADHURI NAGPUR

PRAMOD NAGPUR

SANDIP SURAT

SHIVANI BOMBAY

KRANTI BOMBAY

NAREN BOMBAY

QUERY

INSERT INTO 'customer'('CNAME', 'CITY') VALUES

('ANIL','CALCUTTA'),('SUNIL','DELHI'),('MEHUL','BARODA'),('MANDAR','PATNA'),

('MADHURI','NAGPUR'),('PRAMOD','NAGPUR'),('SANDIP','SURAT'),

('SHIVANI', 'BOMBAY'), ('KRANTI', 'BOMBAY'), ('NAREN', 'BOMBAY');

3. Inserting values into Deposite table

Actno	Cname Bname Amount	Adate	
D100	ANIL VRCE 1000).00 1-MAR-95	
D101	SUNIL ANJNI 500.00	4-JAN-96	
D102	MEHUL KAROLBAGH 3500	0.00 17-NOV-9	5
D104	MADHURI CHANDNI	1200.00	17-DEC-95
D105	PRAMOD MG ROAD	3000.00	27-MAR-96
D106	SANDIP ANDHERI	2000.00 31-N	/IAR-96
D107	SHIVANI VIRAR 10	00.00 5-SE	P-95
D108	KRANTI NEHRU PLACE5000	0.00 2-JUL-95	
D109	MINU POWAI 7000.00	10-AUG-9	5

QUERY

```
INSERT INTO `deposit`(`ACTNO`, `CNAME`, `BNAME`, `AMOUNT`, `ADATE`) VALUES

('D100','ANIL','VRCE','1000.00','1995-03-01'),

('D101','SUNIL','AJNI','500.00','1996-01-04'),

('D102','MEHUL','KAROLBAGH','3500.00','1995-11-17'),

('D104','MADHURI','CHANDNI','1200.00','1995-12-17'),

('D105','PRAMOD','MG ROAD','3000.00','1996-03-27'),

('D106','SANDIP','ANDHERI','2000.00','1996-03-31'),

('D107','SHIVANI','DHARAMPETH','1000.00','1995-09-05'),

('D108','KRANTI','NEHRU PALACE','5000.00','1995-07-02'),

('D109','NAREN','POWAI','7000.00','1995-08-10');
```

4. Inserting values into borrow table

L201	ANIL	VRCE	1000.00	
L206	MEHUL AJ	NI 5000	0.00	
L311	SUNIL	DHARAMP	PETH 3000	.00
L321	MADHURI	AND	HERI	2000.00
L371	PRAMOD	VIRA	R 8000.00	
L481	KRANTI NE	HRU PLACI	E3000.00	

QUERY

```
INSERT INTO `borrow`(`LOANNO`, `CNAME`, `BNAME`, `AMOUNT`) VALUES

('L201','ANIL','VRCE','1000.00'),

('L206','MEHUL','AJNI','5000.00'),

('L311','SUNIL','DHARAMPETH','3000.00'),

('L321','MADHURI','ANDHERI','2000.00'),

('L371','PRAMOD','DHARAMPETH','8000.00'),

('L481','KRANTI','NEHRU PALACE','3000.00');
```