RMCA A 2020-2022

- 1. SELECT \* FROM DEPOSIT;
- 2. SELECT \* FROM BORROW;
- 3. SELECT \* FROM CUSTOMER;
- 4. SELECT \* FROM BRANCH;
- 5. SELECT ACTNO, AMOUNT FROM deposit;
- 6. SELECT CNAME, ACTNO FROM deposit;
- 7. SELECT CNAME FROM customer;
- 8. SELECT bname FROM branch;
- 9. SELECT cname FROM borrow;
- 10. SELECT CNAME FROM customer WHERE city = 'nagpur';
- 11. SELECT CNAME FROM deposit WHERE AMOUNT>4000;
- 12. select ADATE from deposit where CNAME="ANIL";
- 13. select BNAME from branch where CITY="BOMBAY";
- 14-> select CNAME from borrow where LOANNO="L205";
- 15-> select CNAME from deposit where BNAME="VRCE";
- 16-> select BNAME from BRANCH where CITY="DELHI";
- 17-> select CNAME from CUSTOMER where ADATE=1996-12-01;
- 18-> select ACTNO, AMOUNT from deposit where ADATE between 1996-12-01 AND 1996-05-01;
- 19-> select CITY from branch WHERE BNAME="KAROLBAGH";

### **Table Creation**

```
CREATE TABLE BRANCH(BNAME VARCHAR(20) PRIMARY KEY, CITY
VARCHAR(30)
CHECK (CITY IN ('NAGPUR', 'DELHI', 'BANGALORE', 'BOMBAY')) NOT NULL);
INSERT INTO BRANCH (BNAME, CITY) VALUES ('VRCE', 'NAGPUR');
INSERT INTO BRANCH (BNAME, CITY) VALUES ('AJNI', 'NAGPUR');
INSERT INTO BRANCH (BNAME, CITY) VALUES ('KAROLBAGH', 'DELHI');
INSERT INTO BRANCH (BNAME, CITY) VALUES ('CHANDNI', 'DELHI');
INSERT INTO BRANCH (BNAME, CITY) VALUES ('DHARAMPETH', 'NAGPUR');
INSERT INTO BRANCH (BNAME, CITY) VALUES ('MG ROAD', 'BANGALORE');
INSERT INTO BRANCH (BNAME, CITY) VALUES ('ANDHERI', 'BOMBAY');
INSERT INTO BRANCH (BNAME, CITY) VALUES ('NEHRU PALACE', 'DELHI');
INSERT INTO BRANCH (BNAME, CITY) VALUES ('POWAI', 'BOMBAY');
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');

### CREATE TABLE DEPOSIT (

ACTNO VARCHAR(25) PRIMARY KEY CHECK (ACTNO LIKE 'a%'), CNAME VARCHAR(15), BNAME VARCHAR(20), FOREIGN KEY(BNAME) REFERENCES BRANCH(BNAME), FOREIGN KEY (CNAME) REFERENCES customer(CNAME), AMOUNT NUMERIC(8,2) NOT NULL CHECK(AMOUNT != 0), ADATE DATE );

INSERT INTO deposit(ACTNO, CNAME, BNAME, AMOUNT, ADATE) VALUES ('D100', 'ANIL', 'VRCE', '1000.00', '1995-03-01');

INSERT INTO deposit(ACTNO, CNAME, BNAME, AMOUNT, ADATE) VALUES ('D101', 'SUNIL', 'AJNI', '500.00', '1996-01-04');

INSERT INTO deposit(ACTNO, CNAME, BNAME, AMOUNT, ADATE) VALUES ('D102', 'MEHUL', 'KAROLBAGH', '3500.00', '1995-11-17');

INSERT INTO deposit(ACTNO, CNAME, BNAME, AMOUNT, ADATE) VALUES ('D104', 'MADHURI', 'CHANDNI', '1200.00', '1995-12-17');

INSERT INTO deposit(ACTNO, CNAME, BNAME, AMOUNT, ADATE) VALUES ('D105', 'PRAMOD', 'MG ROAD', '3000.00', '1996-03-27');

INSERT INTO deposit(ACTNO, CNAME, BNAME, AMOUNT, ADATE) VALUES ('D106', 'SANDIP', 'ANDHERI', '2000.00', '1996-03-31');

INSERT INTO deposit(ACTNO, CNAME, BNAME, AMOUNT, ADATE) VALUES ('D107', 'SHIVANI', 'VRCE', '1000.00', '1995-09-05');

INSERT INTO deposit(ACTNO, CNAME, BNAME, AMOUNT, ADATE)
VALUES('D108', 'KRANTI', 'NEHRU PALACE', '5000.00', '1995-07-02');

INSERT INTO deposit(ACTNO, CNAME, BNAME, AMOUNT, ADATE) VALUES ('D109', 'NAREN', 'POWAI', '7000.00', '1995-08-10');

### CREATE TABLE BORROW (

LOANNO VARCHAR(8) PRIMARY KEY CHECK (LOANNOLIKE 'L%'), CNAME VARCHAR(15), BNAME VARCHAR(20), FOREIGN KEY(BNAME) REFERENCES BRANCH(BNAME), FOREIGN KEY (CNAME) REFERENCES customer(CNAME), AMOUNT NUMERIC(8,2) NOT NULL CHECK(AMOUNT!=0);

INSERT INTO borrow(LOANNO, CNAME, BNAME, AMOUNT) VALUES('L201', 'ANIL', 'VRCE', '1000.00');

INSERT INTO borrow(LOANNO, CNAME, BNAME, AMOUNT) VALUES('L206', 'MEHUL', 'AJNI', '5000.00');

INSERT INTO borrow(LOANNO, CNAME, BNAME, AMOUNT) VALUES('L311', 'SUNIL', 'AJNI', '3000.00');

INSERT INTO borrow(LOANNO, CNAME, BNAME, AMOUNT) VALUES('L321', 'MADHURI', 'CHANDNI', '2000.00');

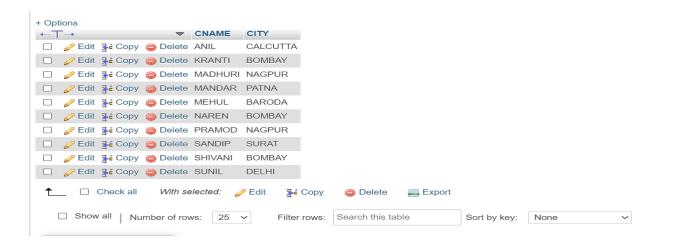
INSERT INTO borrow(LOANNO, CNAME, BNAME, AMOUNT) VALUES('L371', 'PRAMOD', 'MG ROAD', '8000.00');

INSERT INTO borrow(LOANNO, CNAME, BNAME, AMOUNT) VALUES('L481', 'KRANTI', 'NEHRU PALACE', '3000.00');

#### **Screenshots**





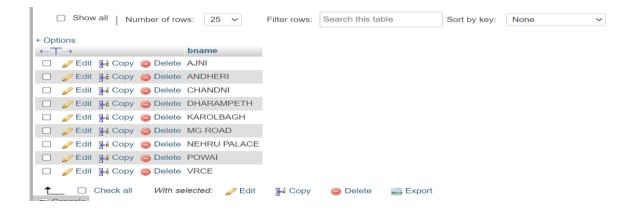


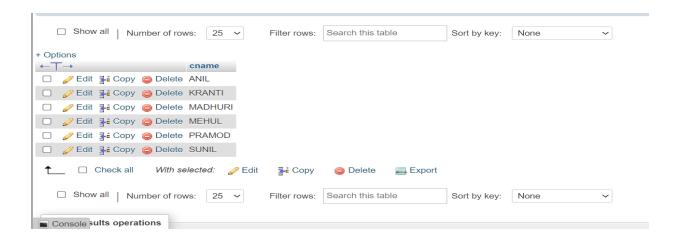




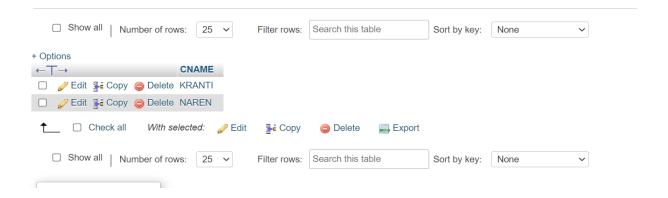




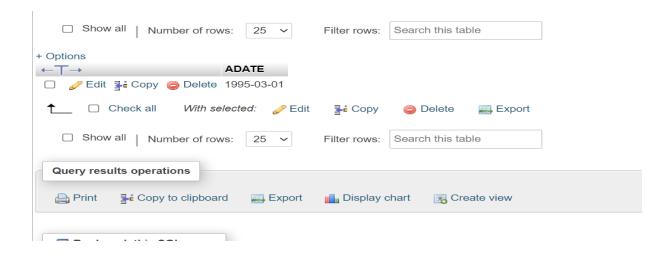


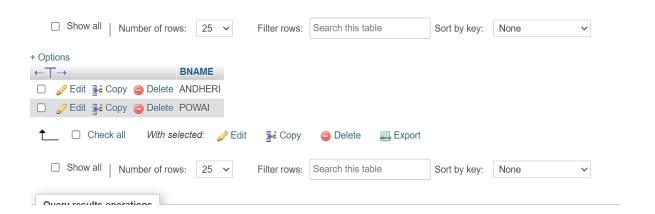


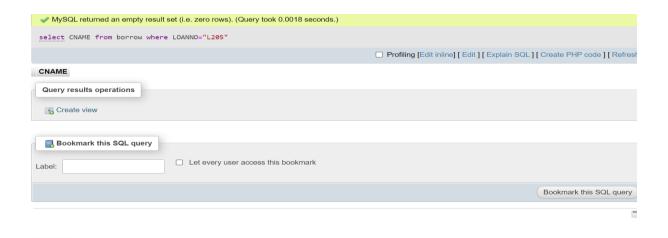




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