

Freddy Jenson

Roll no 38

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');
```