

## **CUSTOMER**

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

## **BRANCH**

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

## **BORROW**

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

## **DEPOSIT**

CREATE TABLE DEPOSIT (ACTNO VARCHAR(5) CHECK (ACTNO LIKE 'D%') PRIMARY KEY,CNAME VARCHAR(15),BNAME VARCHAR(20) ,AMOUNT FLOAT(8,2) CHECK (AMOUNT>0) NOT NULL, FOREIGN KEY (CNAME) REFERENCES CUSTOMER(CNAME), FOREIGN KEY (BNAME) REFERENCES BRANCH(BNAME));

## **CUSTOMER**

1. INSERT INTO CUSTOMER VALUES('ANIL','CALCUTTA');
2. INSERT INTO CUSTOMER VALUES('SUNIL','DELHI');
3. INSERT INTO CUSTOMER VALUES('MEHUL','BARODA');
4. INSERT INTO CUSTOMER VALUES('MANDAR','PATNA');
5. INSERT INTO CUSTOMER VALUES('MADHURI','NAGPUR');
6. INSERT INTO CUSTOMER VALUES('PRAMOD','NAGPUR');
7. INSERT INTO CUSTOMER VALUES('SANDIP','SURAT');
8. INSERT INTO CUSTOMER VALUES('SHIVANI','BOMBAY');
9. INSERT INTO CUSTOMER VALUES('KRANTI','BOMBAY');
10. INSERT INTO CUSTOMER VALUES('NAREN','BOMBAY');

## **BRANCH**

1. INSERT INTO BRANCH(BNAME,CITY) VALUES ('VRCE','NAGPUR');
2. INSERT INTO BRANCH(BNAME,CITY) VALUES ('AJNI','NAGPUR');
3. INSERT INTO BRANCH(BNAME,CITY) VALUES ('KAROLBAGH','DELHI');
4. INSERT INTO BRANCH(BNAME,CITY) VALUES ('CHANDNI','DELHI');
5. INSERT INTO BRANCH(BNAME,CITY) VALUES ('DHARAMPETH','NAGPUR');
6. INSERT INTO BRANCH(BNAME,CITY) VALUES ('MG-ROAD','BANGALORE');
7. INSERT INTO BRANCH(BNAME,CITY) VALUES ('ANDHERI','BOMBAY');
8. INSERT INTO BRANCH(BNAME,CITY) VALUES ('NEHRU-PALACE','DELHI');
9. INSERT INTO BRANCH(BNAME,CITY) VALUES ('POWAI','BOMBAY');
10. INSERT INTO BRANCH(BNAME,CITY) VALUES ('VIRAR','BOMBAY');

## DEPOSIT

1. INSERT INTO DEPOSIT VALUES ('D100','ANIL','VRCE',1000.00,'1995-03-01');
2. INSERT INTO DEPOSIT VALUES ('D101','SUNIL','AJNI',500.00,'1996-01-04');
3. INSERT INTO DEPOSIT VALUES ('D102','MEHUL','KAROLBAGH',3500.00,'1995-11-17');
4. INSERT INTO DEPOSIT VALUES ('D104','MADHURI','CHANDNI',1200.00,'1995-12-17');
5. INSERT INTO DEPOSIT VALUES ('D105','PRAMOD','MG-ROAD',3000.00,'1996-03-27');
6. INSERT INTO DEPOSIT VALUES ('D106','SANDIP','ANDHERI',2000.00,'1996-03-31');
7. INSERT INTO DEPOSIT VALUES ('D107','SHIVANI','VIRAR',1000.00,'1995-09-05');
8. INSERT INTO DEPOSIT VALUES ('D108','KRANTI','NEHRU-PLACE',5000.00,'1995-07-05');
9. INSERT INTO DEPOSIT VALUES ('D109','MINU','POWAI',7000.00,'1995-08-01');

## BORROW

1. INSERT INTO BORROW VALUES ('L201','ANIL','VRCE',1000.00);
  2. INSERT INTO BORROW VALUES ('L206','MEHUL','AJNI',5000.00);
  3. INSERT INTO BORROW VALUES ('L311','SUNIL','DHARAMPETH',3000.00);
  4. INSERT INTO BORROW VALUES ('L321','MADHURI','ANDHERI',2000.00);
  5. INSERT INTO BORROW VALUES ('L371','PRAMOD','VIRAR',8000.00);
  6. INSERT INTO BORROW VALUES ('L481','KRANTI','NEHRU-PALACE',3000.00);
1. SELECT \* FROM DEPOSIT;

```
mysql> select * from DEPOSIT;
```

ACTNO	CNAME	BNAME	AMOUNT	ADATE
D100	ANIL	VRCE	1000.00	1995-03-01
D101	SUNIL	ANJNI	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	VIRAR	1000.00	1995-09-05
D108	KRANTI	NEHRU PLACE 50	5000.00	1995-07-05
D109	MINU	WAI	7000.00	1995-08-01

```
9 rows in set (0.00 sec)
```

2. SELECT \* FROM BORROW;

```
mysql> select * from BORROW;
```

LOANNO	CNAME	BNAME	AMOUNT
L201	ANIL	VRCE	1000.00
L206	MEHUL	AJNI	5000.00
L311	SUNIL	DHARAMPETH	3000.00
L321	MADHURI	ANDHERI	2000.00
L371	PRAMOD	VIRAR	8000.00
L481	KRANTI	NEHRU PLACE	3000.00

```
6 rows in set (0.00 sec)
```

3. SELECT \* FROM CUSTOMER;

```
mysql> select * from CUSTOMER
-> ;
```

CNAME	CITY
ANIL	CALCUTTA
KRANTI	BOMBAY
MADHURI	NAGPUR
MANDAR	PATNA
MEHUL	BARODA
NAREN	BOMBAY
PRAMOD	NAGPUR
SANDIP	SURAT
SHIVANI	BOMBAY
SUNIL	DELHI

```
10 rows in set (0.00 sec)
```

4. SELECT \* FROM BRANCH;

```
mysql> select * from BRANCH;
```

BNAME	CITY
AJNI	NAGPUR
ANDHERI	BOMBAY
CHANDNI	DELHI
DHARAMPETH	NAGPUR
KAROLBAGH	DELHI
MG-ROAD	BANGALORE
NEHRU-PALACE	DELHI
POWAI	BOMBAY
VRCE	NAGPUR

```
9 rows in set (0.00 sec)
```

5. SELECT ACTNO,AMOUNT FROM DEPOSIT;

```
mysql> SELECT ACTNO,AMOUNT FROM DEPOSIT;
```

ACTNO	AMOUNT
D100	1000.00
D101	500.00
D102	3500.00
D104	1200.00
D105	3000.00
D106	2000.00
D107	1000.00
D108	5000.00
D109	7000.00

9 rows in set (0.00 sec)

6. SELECT CNAME,ACTNO FROM DEPOSIT;

```
mysql> SELECT CNAME,ACTNO FROM DEPOSIT;
```

CNAME	ACTNO
ANIL	D100
SUNIL	D101
MEHUL	D102
MADHURI	D104
PRAMOD	D105
SANDIP	D106
SHIVANI	D107
KRANTI	D108
MINU	D109

9 rows in set (0.00 sec)

7. SELECT CNAME FROM CUSTOMER;

```
mysql> SELECT CNAME FROM CUSTOMER;
```

CNAME
ANIL
KRANTI
MADHURI
MANDAR
MEHUL
NAREN
PRAMOD
SANDIP
SHIVANI
SUNIL

10 rows in set (0.00 sec)

8. SELECT BNAME FROM BRANCH;

```
mysql> SELECT BNAME FROM BRANCH;
```

BNAME
AJNI
ANDHERI
CHANDNI
DHARAMPETH
KAROLBAGH
MG-ROAD
NEHRU-PALACE
POWAI
VRCE

9 rows in set (0.00 sec)

9. SELECT CNAME FROM BORROW;

```
mysql> SELECT CNAME FROM BORROW;
+-----+
| CNAME |
+-----+
| ANIL  |
| MEHUL |
| SUNIL |
| MADHURI |
| PRAMOD |
| KRANTI |
+-----+
6 rows in set (0.00 sec)
```

10. SELECT CNAME FROM CUSTOMER WHERE CITY='NAGPUR';

```
mysql> SELECT CNAME FROM CUSTOMER WHERE CITY='NAGPUR';
+-----+
| CNAME |
+-----+
| MADHURI |
| PRAMOD |
+-----+
2 rows in set (0.00 sec)
```

11. SELECT CNAME FROM DEPOSIT WHERE AMOUNT > 4000;

```
mysql> SELECT CNAME FROM DEPOSIT WHERE AMOUNT > 4000;
+-----+
| CNAME |
+-----+
| KRANTI |
| MINU |
+-----+
2 rows in set (0.00 sec)
```

12. SELECT ADATE FROM DEPOSIT WHERE CNAME='ANIL';

```
mysql> SELECT ADATE FROM DEPOSIT WHERE CNAME='ANIL';
+-----+
| ADATE |
+-----+
| 1995-03-01 |
+-----+
1 row in set (0.00 sec)
```

13. SELECT BNAME FROM BRANCH WHERE CITY='BOMBAY';

```
mysql> SELECT BNAME FROM BRANCH WHERE CITY='BOMBAY';
+-----+
| BNAME |
+-----+
| ANDHERI |
| POWAI |
+-----+
rows in set (0.00 sec)
```

14. SELECT CNAME FROM BORROW WHERE LOANNO='L201';

```
mysql> SELECT CNAME FROM BORROW WHERE LOANNO='L201';
+-----+
| CNAME |
+-----+
| ANIL |
+-----+
1 row in set (0.01 sec)
```

15. SELECT CNAME FROM DEPOSIT WHERE BNAME='VRCE';

```
mysql> SELECT CNAME FROM DEPOSIT WHERE BNAME='VRCE';
+-----+
| CNAME |
+-----+
| ANIL |
+-----+
1 row in set (0.00 sec)
```

16. SELECT BNAME FROM BRANCH WHERE CITY='DELHI';

```
mysql> SELECT BNAME FROM BRANCH WHERE CITY='DELHI';
+-----+
| BNAME |
+-----+
| CHANDNI |
| KAROLBAGH |
| NEHRU-PALACE |
+-----+
3 rows in set (0.00 sec)
```

17. SELECT CNAME FROM DEPOSIT WHERE ADATE='1995-12-17';

```
mysql> SELECT CNAME FROM DEPOSIT WHERE ADATE='1995-12-17';
+-----+
| CNAME |
+-----+
| MADHURI |
+-----+
1 row in set (0.00 sec)

mysql> _
```

18. SELECT ACTNO,AMOUNT FROM DEPOSIT WHERE ADATE >='1995-12-01' AND ADATE <='1996-05-01';

```
mysql> SELECT ACTNO,AMOUNT FROM DEPOSIT WHERE ADATE >='1995-12-01' AND ADATE<='1996-05-01';
+-----+-----+
| ACTNO | AMOUNT |
+-----+-----+
| D101 | 500.00 |
| D104 | 1200.00 |
| D105 | 3000.00 |
| D106 | 2000.00 |
+-----+-----+
4 rows in set (0.00 sec)
```

19. SELECT CITY FROM BRANCH WHERE BNAME='KAROLBAGH';

```
mysql> SELECT CITY FROM BRANCH WHERE BNAME='KAROLBAGH';
+-----+
| CITY |
+-----+
| DELHI |
+-----+
1 row in set (0.00 sec)
```

20. SELECT D.ACTNO,D.CNAME,D.BNAME,D.AMOUNT,B.LOANNO,B.AMOUNT FROM DEPOSIT D,BORROW B WHERE B.CNAME='ANIL' AND D.CNAME='ANIL';

```
mysql> SELECT D.ACTNO,D.CNAME,D.BNAME,D.AMOUNT,B.LOANNO,B.AMOUNT FROM DEPOSIT D,BORROW B WHERE D.CNAME='ANIL'AND B.CNAME='ANIL';
+-----+-----+-----+-----+-----+-----+
| ACTNO | CNAME | BNAME | AMOUNT | LOANNO | AMOUNT |
+-----+-----+-----+-----+-----+-----+
| D100 | ANIL | VRCE | 1000.00 | L201 | 1000.00 |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```