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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');
```

## Screenshots

1

	ACTNO	CNAME	BNAME	AMOUNT	ADATE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	D100	ANIL	VRCE	1000.00	0000-00-00
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	D101	SUNIL	AJNI	500.00	0000-00-00
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	D102	MEHUL	KAROLBAGH	3500.00	0000-00-00
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	D104	MADHURI	CHANDNI	1200.00	0000-00-00
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	D105	PRAMOD	MG ROAD	3000.00	0000-00-00
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	D106	SANDIP	ANDHERI	2000.00	0000-00-00
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	D107	SHIVANI	VRCE	1000.00	0000-00-00
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	D108	KRANTI	NEHRU PALACE	5000.00	0000-00-00
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	D109	NAREN	POWAI	7000.00	0000-00-00

2

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

				LOANNO	CNAME	BNAME	AMOUNT
<input type="checkbox"/>	Edit	Copy	Delete	L201	ANIL	VRCE	1000.00
<input type="checkbox"/>	Edit	Copy	Delete	L206	MEHUL	AJNI	5000.00
<input type="checkbox"/>	Edit	Copy	Delete	L311	SUNIL	AJNI	3000.00
<input type="checkbox"/>	Edit	Copy	Delete	L321	MADHURI	CHANDNI	2000.00
<input type="checkbox"/>	Edit	Copy	Delete	L371	PRAMOD	MG ROAD	8000.00
<input type="checkbox"/>	Edit	Copy	Delete	L481	KRANTI	NEHRU PALACE	3000.00

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

3

+ Options

				CNAME	CITY
<input type="checkbox"/>	Edit	Copy	Delete	ANIL	CALCUTTA
<input type="checkbox"/>	Edit	Copy	Delete	KRANTI	BOMBAY
<input type="checkbox"/>	Edit	Copy	Delete	MADHURI	NAGPUR
<input type="checkbox"/>	Edit	Copy	Delete	MANDAR	PATNA
<input type="checkbox"/>	Edit	Copy	Delete	MEHUL	BARODA
<input type="checkbox"/>	Edit	Copy	Delete	NAREN	BOMBAY
<input type="checkbox"/>	Edit	Copy	Delete	PRAMOD	NAGPUR
<input type="checkbox"/>	Edit	Copy	Delete	SANDIP	SURAT
<input type="checkbox"/>	Edit	Copy	Delete	SHIVANI	BOMBAY
<input type="checkbox"/>	Edit	Copy	Delete	SUNIL	DELHI

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

4

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

				BNAME	CITY
<input type="checkbox"/>	Edit	Copy	Delete	AJNI	NAGPUR
<input type="checkbox"/>	Edit	Copy	Delete	ANDHERI	BOMBAY
<input type="checkbox"/>	Edit	Copy	Delete	CHANDNI	DELHI
<input type="checkbox"/>	Edit	Copy	Delete	DHARAMPETH	NAGPUR
<input type="checkbox"/>	Edit	Copy	Delete	KAROLBAGH	DELHI
<input type="checkbox"/>	Edit	Copy	Delete	MG ROAD	BANGALORE
<input type="checkbox"/>	Edit	Copy	Delete	NEHRU PALACE	DELHI
<input type="checkbox"/>	Edit	Copy	Delete	POWAI	BOMBAY
<input type="checkbox"/>	Edit	Copy	Delete	VRCE	NAGPUR

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Console

5

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

					ACTNO	AMOUNT
<input type="checkbox"/>	Edit	Copy	Delete		D100	1000.00
<input type="checkbox"/>	Edit	Copy	Delete		D101	500.00
<input type="checkbox"/>	Edit	Copy	Delete		D102	3500.00
<input type="checkbox"/>	Edit	Copy	Delete		D104	1200.00
<input type="checkbox"/>	Edit	Copy	Delete		D105	3000.00
<input type="checkbox"/>	Edit	Copy	Delete		D106	2000.00
<input type="checkbox"/>	Edit	Copy	Delete		D107	1000.00
<input type="checkbox"/>	Edit	Copy	Delete		D108	5000.00
<input type="checkbox"/>	Edit	Copy	Delete		D109	7000.00

Check all | With selected: Edit Copy Delete Export

6

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

					CNAME	ACTNO
<input type="checkbox"/>	Edit	Copy	Delete		ANIL	D100
<input type="checkbox"/>	Edit	Copy	Delete		KRANTI	D108
<input type="checkbox"/>	Edit	Copy	Delete		MADHURI	D104
<input type="checkbox"/>	Edit	Copy	Delete		MEHUL	D102
<input type="checkbox"/>	Edit	Copy	Delete		NAREN	D109
<input type="checkbox"/>	Edit	Copy	Delete		PRAMOD	D105
<input type="checkbox"/>	Edit	Copy	Delete		SANDIP	D106
<input type="checkbox"/>	Edit	Copy	Delete		SHIVANI	D107
<input type="checkbox"/>	Edit	Copy	Delete		SUNIL	D101

Check all | With selected: Edit Copy Delete Export

7

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

					CNAME
<input type="checkbox"/>	Edit	Copy	Delete		ANIL
<input type="checkbox"/>	Edit	Copy	Delete		KRANTI
<input type="checkbox"/>	Edit	Copy	Delete		MADHURI
<input type="checkbox"/>	Edit	Copy	Delete		MANDAR
<input type="checkbox"/>	Edit	Copy	Delete		MEHUL
<input type="checkbox"/>	Edit	Copy	Delete		NAREN
<input type="checkbox"/>	Edit	Copy	Delete		PRAMOD
<input type="checkbox"/>	Edit	Copy	Delete		SANDIP
<input type="checkbox"/>	Edit	Copy	Delete		SHIVANI
<input type="checkbox"/>	Edit	Copy	Delete		SUNIL

Check all | With selected: Edit Copy Delete Export

8

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	bname
<input type="checkbox"/> Edit Copy Delete	AJNI
<input type="checkbox"/> Edit Copy Delete	ANDHERI
<input type="checkbox"/> Edit Copy Delete	CHANDNI
<input type="checkbox"/> Edit Copy Delete	DHARAMPETH
<input type="checkbox"/> Edit Copy Delete	KAROLBAGH
<input type="checkbox"/> Edit Copy Delete	MG ROAD
<input type="checkbox"/> Edit Copy Delete	NEHRU PALACE
<input type="checkbox"/> Edit Copy Delete	POWAI
<input type="checkbox"/> Edit Copy Delete	VRCE

☐ Check all | With selected: Edit Copy Delete Export

9

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	cname
<input type="checkbox"/> Edit Copy Delete	ANIL
<input type="checkbox"/> Edit Copy Delete	KRANTI
<input type="checkbox"/> Edit Copy Delete	MADHURI
<input type="checkbox"/> Edit Copy Delete	MEHUL
<input type="checkbox"/> Edit Copy Delete	PRAMOD
<input type="checkbox"/> Edit Copy Delete	SUNIL

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Console results operations

10

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	CNAME
<input type="checkbox"/> Edit Copy Delete	MADHURI
<input type="checkbox"/> Edit Copy Delete	PRAMOD

☐ Check all | With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

11

☐ Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

+ Options

←T→

CNAME

☐ Edit Copy Delete KRANTI

☐ Edit Copy Delete NAREN

↑

☐ Check all

With selected: Edit Copy Delete Export

☐ Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

12

☐ Show all

Number of rows: 25

Filter rows: Search this table

+ Options

←T→

ADATE

☐ Edit Copy Delete 1995-03-01

↑

☐ Check all

With selected: Edit Copy Delete Export

☐ Show all

Number of rows: 25

Filter rows: Search this table

Query results operations

Print

Copy to clipboard

Export

Display chart

Create view

13

☐ Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

+ Options

←T→

BNAME

☐ Edit Copy Delete ANDHERI

☐ Edit Copy Delete POWAI

↑

☐ Check all

With selected: Edit Copy Delete Export

☐ Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Query results operations



14

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0018 seconds.)

```
select CNAME from borrow where LOANNO="L205"
```

☐ Profiling [\[Edit inline\]](#) [\[Edit\]](#) [\[Explain SQL\]](#) [\[Create PHP code\]](#) [\[Refresh\]](#)

**CNAME**

Query results operations

[Create view](#)

[Bookmark this SQL query](#)

Label:  ☐ Let every user access this bookmark

[Bookmark this SQL query](#)

15

✓ Showing rows 0 - 1 (2 total, Query took 0.0082 seconds.)

```
select CNAME from deposit where BNAME="VRCE"
```

☐ Profiling [\[Edit inline\]](#) [\[Edit\]](#) [\[Explain SQL\]](#) [\[Create PHP code\]](#)

☐ Show all | Number of rows:  Filter rows:  Sort by key:

+ Options

[←T→](#) **CNAME**

☐ [Edit](#) [Copy](#) [Delete](#) ANIL

☐ [Edit](#) [Copy](#) [Delete](#) SHIVANI

[↑](#) ☐ Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all | Number of rows:  Filter rows:  Sort by key:

Query results operations

16

✓ Showing rows 0 - 2 (3 total, Query took 0.0014 seconds.)

```
select BNAME from BRANCH where CITY="DELHI"
```

☐ Profiling [\[Edit inline\]](#) [\[Edit\]](#) [\[Explain SQL\]](#) [\[Create PHP code\]](#)

☐ Show all | Number of rows:  Filter rows:  Sort by key:

+ Options

[←T→](#) **BNAME**

☐ [Edit](#) [Copy](#) [Delete](#) CHANDNI

☐ [Edit](#) [Copy](#) [Delete](#) KAROLBAGH

☐ [Edit](#) [Copy](#) [Delete](#) NEHRU PALACE

[↑](#) ☐ Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all | Number of rows:  Filter rows:  Sort by key:

Query results operations

17

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0065 seconds.)

```
SELECT C.CNAME,D.ADATE FROM customer C,deposit D WHERE C.CNAME=D.CNAME AND ADATE='1996-05-01'
```

☐ Profiling [\[Edit inline\]](#) [\[Edit\]](#) [\[Explain SQL\]](#) [\[ \]](#)

CNAME	ADATE
-------	-------

Query results operations

Create view

Bookmark this SQL query

Label:  ☐ Let every user access this bookmark

18

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0105 seconds.)

```
select ACTNO,AMOUNT from deposit where ADATE between 1996-12-01 AND 1996-05-01
```

☐ Profiling [\[Edit inline\]](#) [\[Edit\]](#) [\[Explain SQL\]](#) [\[ \]](#)

ACTNO	AMOUNT
-------	--------

Query results operations

Create view

Bookmark this SQL query

Label:  ☐ Let every user access this bookmark

19

✓ Showing rows 0 - 0 (1 total, Query took 0.0035 seconds.)

```
select CITY from branch WHERE BNAME="KAROLBAGH"
```

☐ Profiling [\[Edit inline\]](#) [\[Edit\]](#) [\[Explain SQL\]](#) [\[ \]](#)

☐ Show all | Number of rows: 25  Filter rows:

+ Options

	CITY
<input type="checkbox"/> Edit  Copy  Delete	DELHI

☐ Check all With selected: Edit Copy Delete Export

☐ Show all | Number of rows: 25  Filter rows:

Query results operations

Print Copy to clipboard Export Display chart Create view

