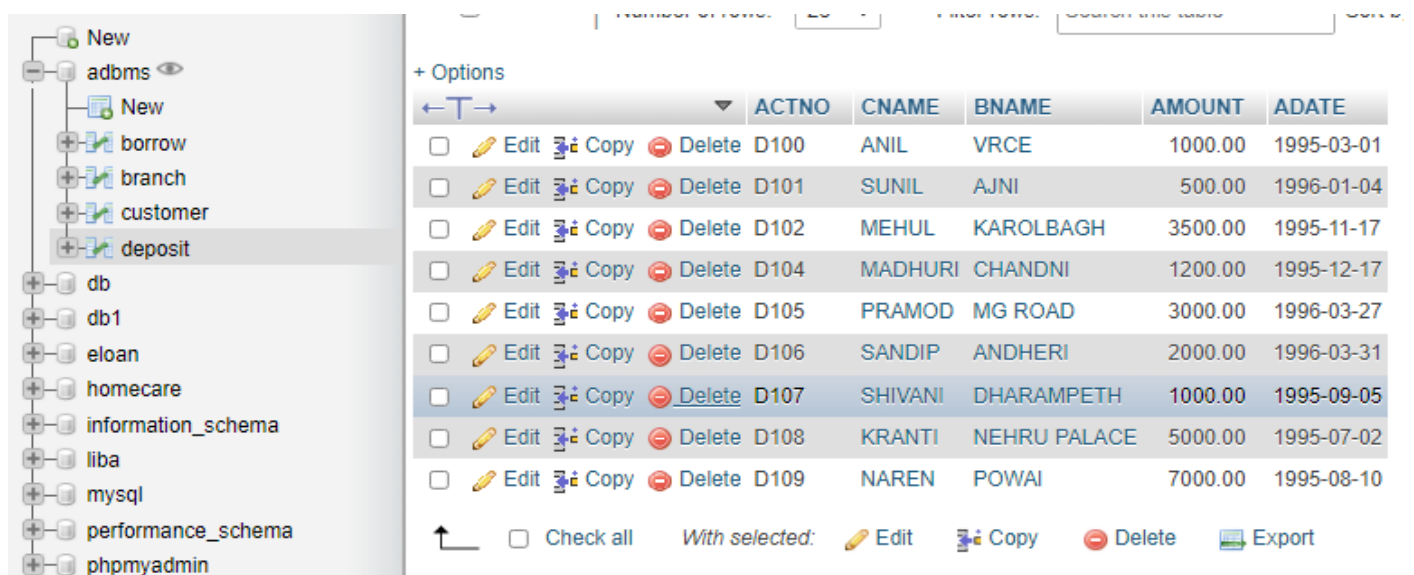


EXPERIMENT 02: SELECTING DATA FROM SINGLE TABLE**1. List all data from table deposite****QUERY**

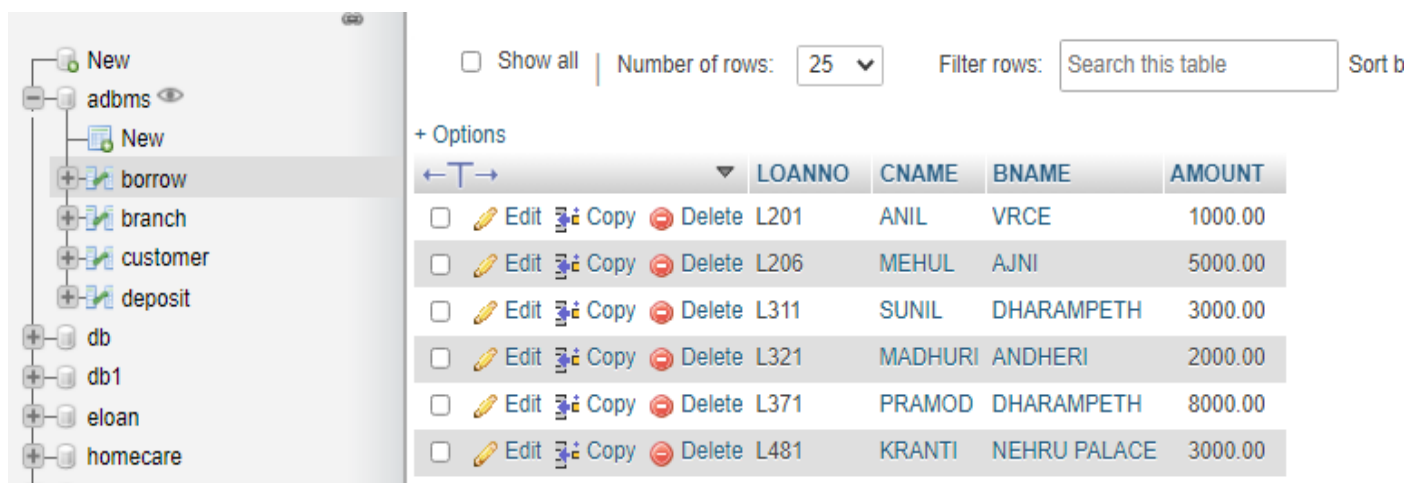
```
SELECT * FROM deposite;
```

OUTPUT


	ACTNO	CNAME	BNAME	AMOUNT	ADATE
<input type="checkbox"/> Edit Copy Delete	D100	ANIL	VRCE	1000.00	1995-03-01
<input type="checkbox"/> Edit Copy Delete	D101	SUNIL	AJNI	500.00	1996-01-04
<input type="checkbox"/> Edit Copy Delete	D102	MEHUL	KAROLBAGH	3500.00	1995-11-17
<input type="checkbox"/> Edit Copy Delete	D104	MADHURI	CHANDNI	1200.00	1995-12-17
<input type="checkbox"/> Edit Copy Delete	D105	PRAMOD	MG ROAD	3000.00	1996-03-27
<input type="checkbox"/> Edit Copy Delete	D106	SANDIP	ANDHERI	2000.00	1996-03-31
<input type="checkbox"/> Edit Copy Delete	D107	SHIVANI	DHARAMPETH	1000.00	1995-09-05
<input type="checkbox"/> Edit Copy Delete	D108	KRANTI	NEHRU PALACE	5000.00	1995-07-02
<input type="checkbox"/> Edit Copy Delete	D109	NAREN	POWAI	7000.00	1995-08-10

2. List all data from borrow**QUERY**

```
SELECT * FROM borrow;
```

OUTPUT


	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	DHARAMPETH	3000.00
<input type="checkbox"/> Edit Copy Delete	L321	MADHURI	ANDHERI	2000.00
<input type="checkbox"/> Edit Copy Delete	L371	PRAMOD	DHARAMPETH	8000.00
<input type="checkbox"/> Edit Copy Delete	L481	KRANTI	NEHRU PALACE	3000.00

3. List all data from customer

QUERY

SELECT * FROM customer;

OUTPUT

The screenshot shows a database management interface. On the left is a tree view of the database structure. The 'customer' table is selected. On the right, the table's data is displayed. At the top, there are controls: 'Show all' (unchecked), 'Number of rows: 25' (dropdown), and 'Filter rows: [S]' (input field). Below these is a '+ Options' section with a table icon and a dropdown arrow. The table has two columns: 'CNAME' and 'CITY'. It contains 10 rows of data. Each row has a checkbox, an 'Edit' icon (pencil), a 'Copy' icon (two arrows), and a 'Delete' icon (trash can). At the bottom, there is a 'Check all' checkbox, a 'With selected:' label, and 'Edit' and 'Copy' icons.

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

4. List all data from branch

QUERY

SELECT * FROM branch;

OUTPUT

The screenshot shows a database management interface. On the left is a tree view of the database structure. The 'branch' table is selected. On the right, the table's data is displayed. At the top, a green status bar says 'Showing rows 0 - 8 (9 total, Query took 0.0015 seconds.)'. Below it, the SQL query 'SELECT * FROM `branch`' is shown. At the top of the table, there are controls: 'Show all' (unchecked), 'Number of rows: 25' (dropdown), and 'Filter rows: Search this table' (input field). Below these is a '+ Options' section with a table icon and a dropdown arrow. The table has two columns: 'BNAME' and 'CITY'. It contains 9 rows of data. Each row has a checkbox, an 'Edit' icon (pencil), a 'Copy' icon (two arrows), and a 'Delete' icon (trash can). At the bottom, there is a 'Check all' checkbox, a 'With selected:' label, and 'Edit', 'Copy', 'Delete', and 'Export' icons.

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

5. Give account no and amount of deposite

QUERY

SELECT ACTNO,AMOUNT FROM deposit;

OUTPUT




























<

6. Give customer name and account no of depositors

QUERY

SELECT CNAME,ACTNO FROM deposit;

OUTPUT

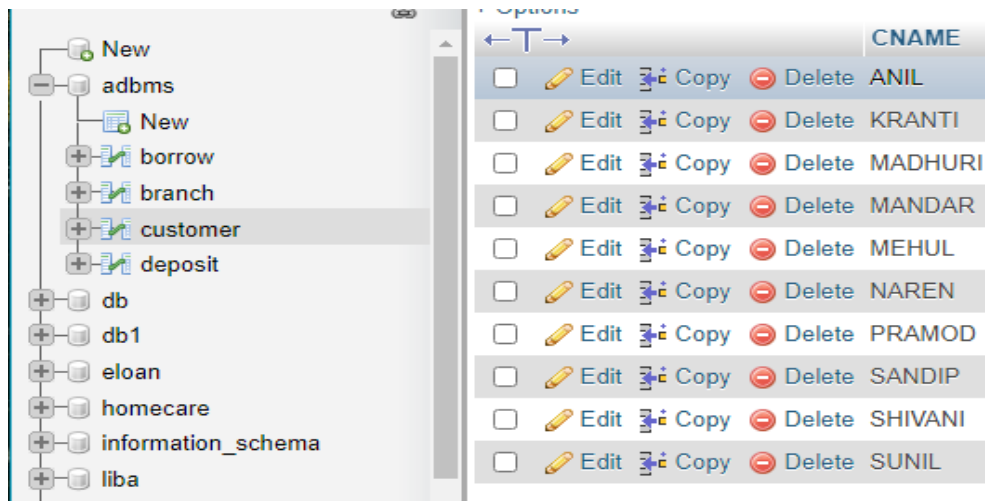
				CNAME	ACTNO
<input type="checkbox"/>	 Edit	 Copy	 Delete	ANIL	D100
<input type="checkbox"/>	 Edit	 Copy	 Delete	KRANTI	D108
<input type="checkbox"/>	 Edit	 Copy	 Delete	MADHURI	D104
<input type="checkbox"/>	 Edit	 Copy	 Delete	MEHUL	D102
<input type="checkbox"/>	 Edit	 Copy	 Delete	NAREN	D109
<input 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

7. Give name of customers

QUERY

SELECT CNAME FROM customer;

OUTPUT



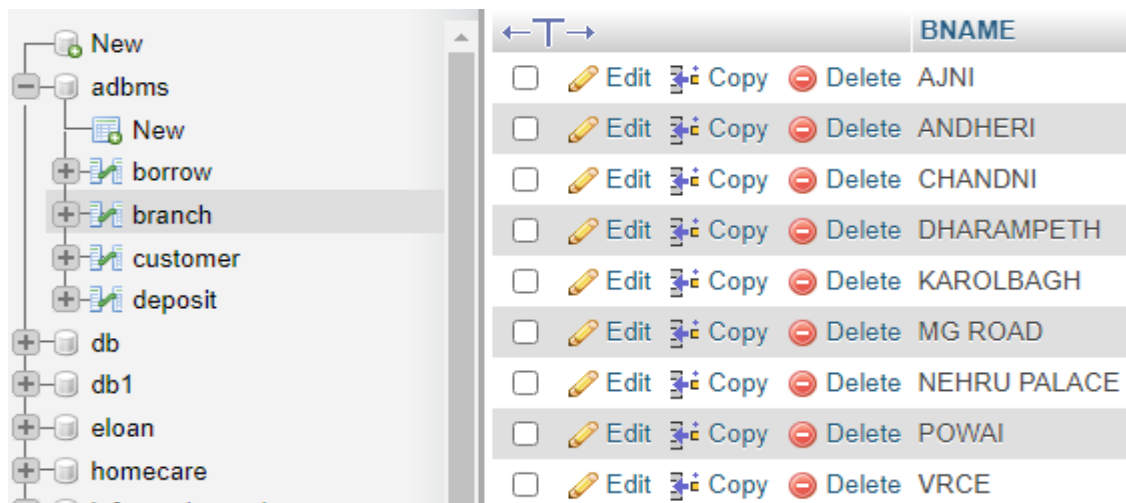
CNAME
<input type="checkbox"/> ANIL
<input type="checkbox"/> KRANTI
<input type="checkbox"/> MADHURI
<input type="checkbox"/> MANDAR
<input type="checkbox"/> MEHUL
<input type="checkbox"/> NAREN
<input type="checkbox"/> PRAMOD
<input type="checkbox"/> SANDIP
<input type="checkbox"/> SHIVANI
<input type="checkbox"/>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

8. Give name of branches

QUERY

SELECT BNAME FROM branch;

OUTPUT



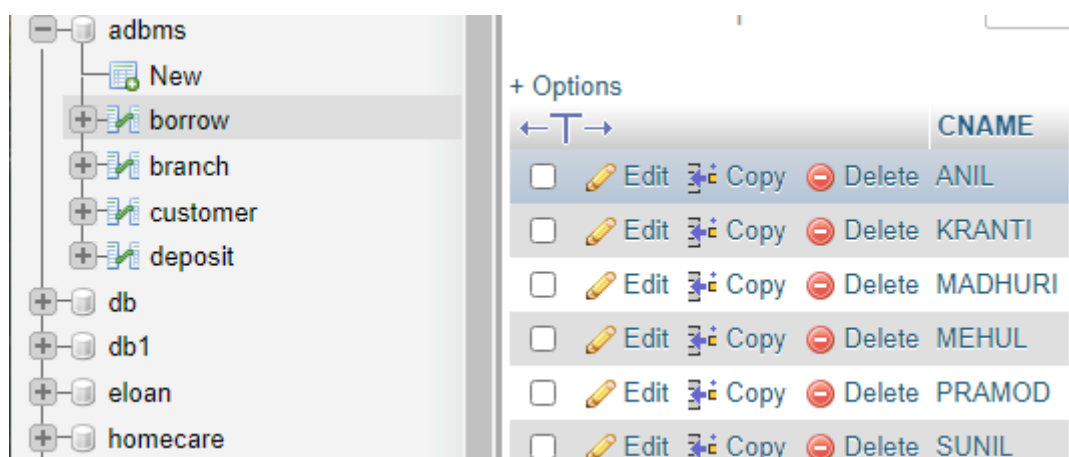
BNAME
<input type="checkbox"/> AJNI
<input type="checkbox"/> ANDHERI
<input type="checkbox"/> CHANDNI
<input type="checkbox"/> DHARAMPETH
<input type="checkbox"/> KAROLBAGH
<input type="checkbox"/> MG ROAD
<input type="checkbox"/> NEHRU PALACE
<input type="checkbox"/> POWAI
<input type="checkbox"/> VRCE

9. Give name of borrows

QUERY

SELECT CNAME FROM borrow;

OUTPUT



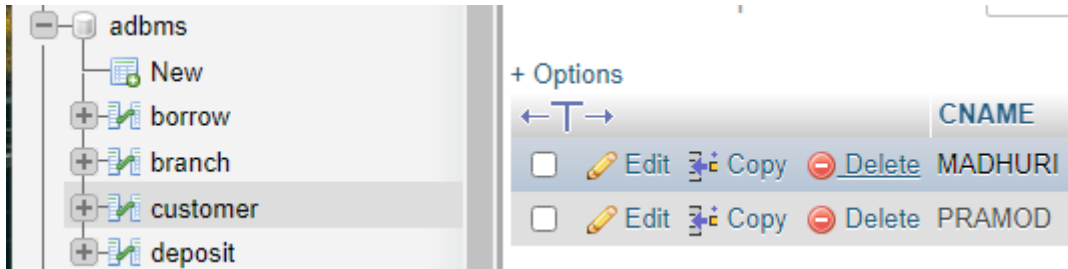
CNAME
<input type="checkbox"/> ANIL
<input type="checkbox"/> KRANTI
<input type="checkbox"/> MADHURI
<input type="checkbox"/> MEHUL
<input type="checkbox"/> PRAMOD
<input type="checkbox"/> SUNIL

10. Give names of customer living in city Nagpur

QUERY

SELECT CNAME FROM customer WHERE CITY='NAGPUR';

OUTPUT



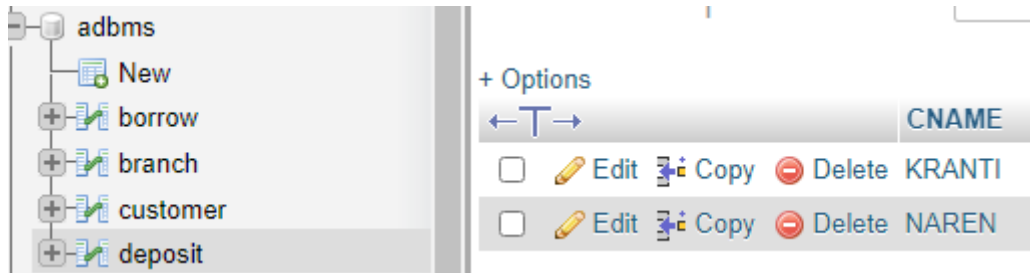
CNAME
MADHURI
PRAMOD

11. Give names of depositors having amount greater than 4000

QUERY

SELECT CNAME FROM deposit WHERE AMOUNT>4000;

OUTPUT



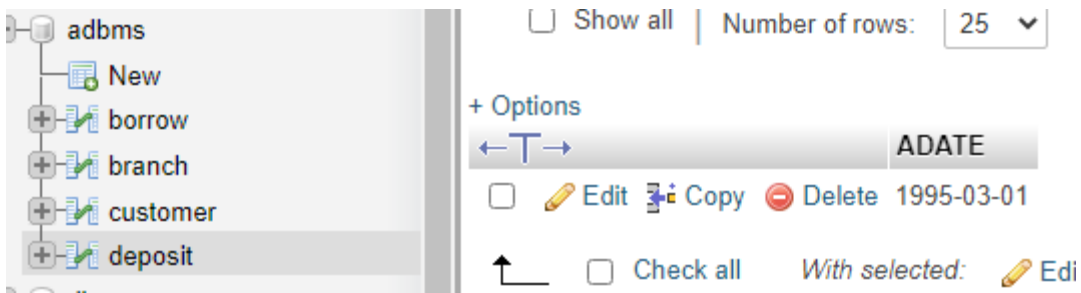
CNAME
KRANTI
NAREN

12. Give account date of Anil

QUERY

SELECT ADATE FROM deposit WHERE CNAME='ANIL';

OUTPUT



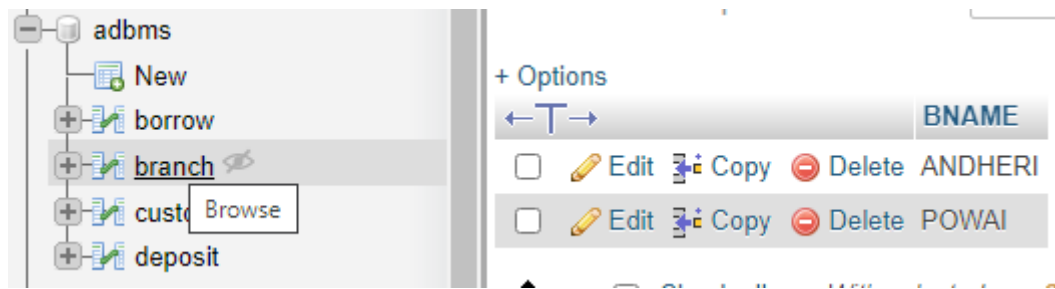
ADATE
1995-03-01

13. Give name of all branches located in Bombay

QUERY

SELECT BNAME FROM branch WHERE CITY='BOMBAY';

OUTPUT

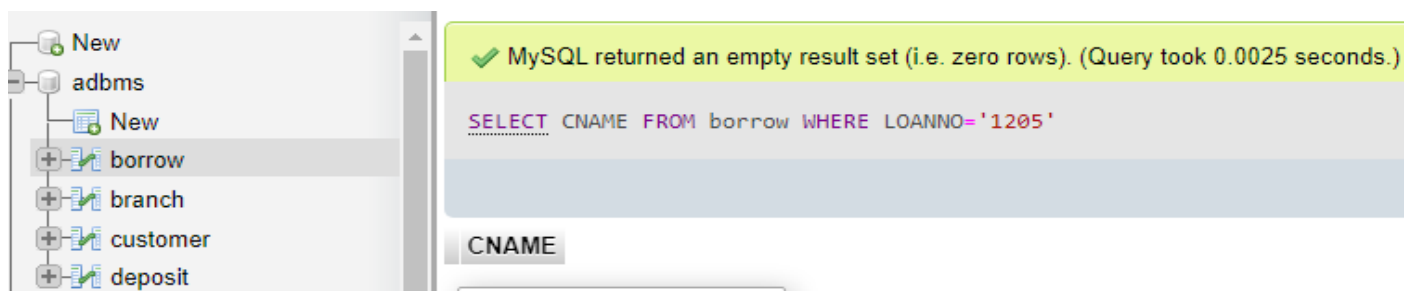


14. Give name of borrower having loan number l205

QUERY

SELECT CNAME FROM borrow WHERE LOANNO='1205';

OUTPUT

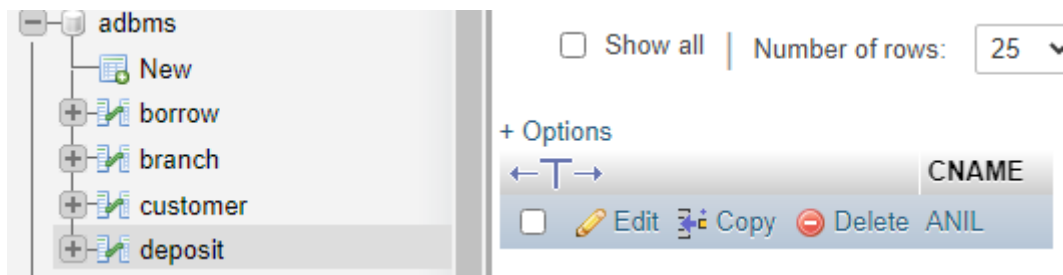


15. Give names of depositors having account at VRCE

QUERY

SELECT CNAME FROM deposit WHERE BNAME='VRCE';

OUTPUT

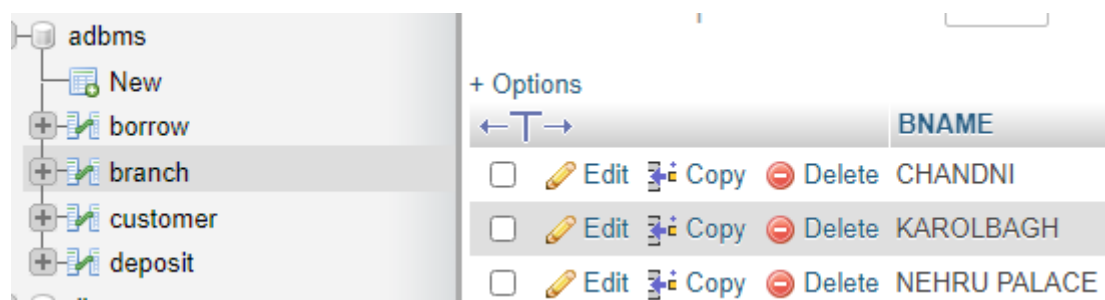


16. Give names of all branched located in city Delhi

QUERY

SELECT BNAME FROM branch WHERE CITY='DELHI';

OUTPUT

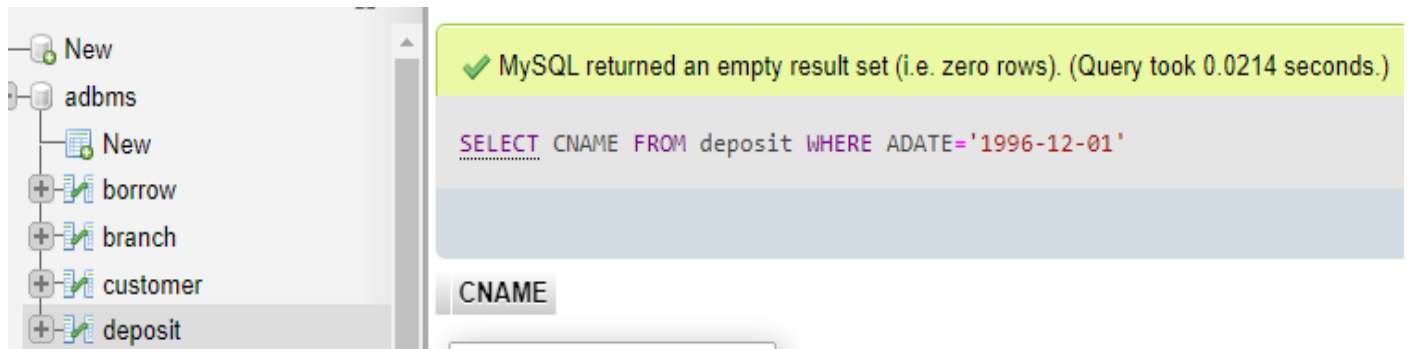


17. Give name of the customers who opened account date '1-12-96'

QUERY

SELECT CNAME FROM deposit WHERE ADATE='1996-12-01';

OUTPUT



✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0214 seconds.)

```
SELECT CNAME FROM deposit WHERE ADATE='1996-12-01'
```

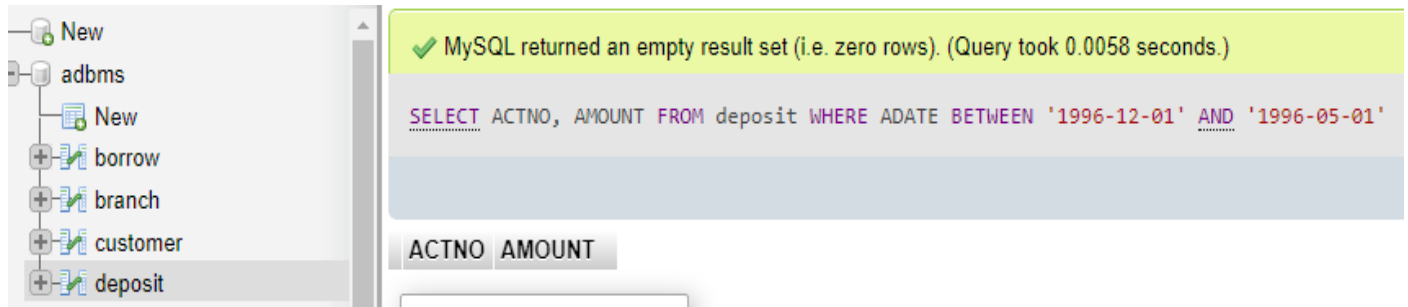
CNAME

18. Give account no and deposit amount of customers having account opened between dates '1-12-96' and '1-5-96'

QUERY

SELECT ACTNO, AMOUNT FROM deposit WHERE ADATE BETWEEN '1996-12-01' AND '1996-05-01';

OUTPUT



✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0058 seconds.)

```
SELECT ACTNO, AMOUNT FROM deposit WHERE ADATE BETWEEN '1996-12-01' AND '1996-05-01'
```

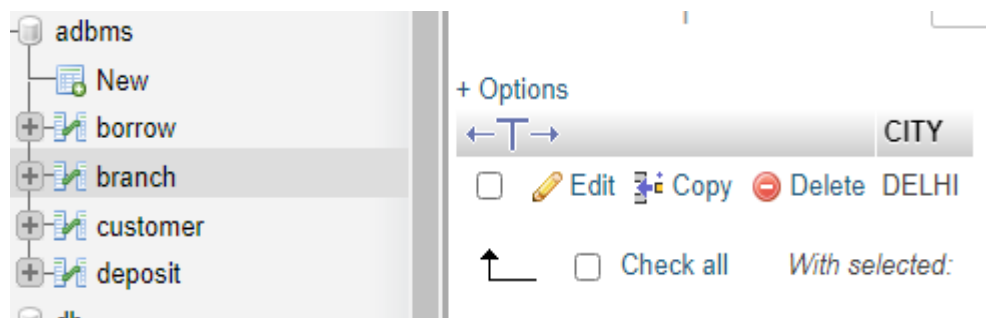
ACTNO	AMOUNT
-------	--------

19. Give name of the city where branch KAROLBAGH is located

QUERY

SELECT CITY FROM branch WHERE BNAME='KAROLBAGH';

OUTPUT



CITY
DELHI

+ Options

← T →

☐ Edit ☐ Copy ☐ Delete

↑ ☐ Check all With selected:

20. Give details of customer ANIL

QUERY

```
SELECT ACTNO, BNAME, AMOUNT, ADATE FROM deposit WHERE CNAME='ANIL';
```

OR

```
SELECT * FROM customer JOIN borrow ON customer.CNAME=borrow.CNAME  
JOIN deposit ON deposit.CNAME=borrow.CNAME WHERE customer.CNAME='ANIL';
```

OUTPUT

adbms

New

borrow

branch

customer

deposit

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

	ACTNO	BNAME	AMOUNT	ADATE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	D100	VRCE	1000.00	1995-03-01

Or

```
SELECT * FROM customer JOIN borrow ON customer.CNAME=borrow.CNAME JOIN deposit ON deposit.CNAME=borrow.CNAME WHERE customer.CNAME='ANIL'
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP co

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

CNAME	CITY	LOANNO	CNAME	BNAME	AMOUNT	ACTNO	CNAME	BNAME	AMOUNT	ADATE
ANIL	CALCUTTA	L201	ANIL	VRCE	1000.00	D100	ANIL	VRCE	1000.00	1995-03-01