

1.List the branches having sum of deposit more than 5000.QUERY

SELECT D.BNAME FROM deposit D,branch B WHERE D.BNAME=B.BNAME GROUP BY D.BNAME HAVING SUM(D.AMOUNT)>5000;

OUTPUT

The screenshot shows a database query editor interface. On the left is a tree view of database objects including 'adbms', 'New', 'borrow', 'branch', 'customer', 'deposit', 'adbmsexam', 'db', 'db1', and 'eloon'. The 'deposit' table is selected. The main area displays the SQL query: `SELECT D.BNAME FROM deposit D,branch B WHERE D.BNAME=B.BNAME GROUP BY D.BNAME HAVING SUM(D.AMOUNT)>5000`. Below the query bar, there are controls for 'Show all', 'Number of rows' (set to 25), and a 'Filter rows' search box. A '+ Options' section shows a table with columns 'BNAME' and 'POWAI'. The 'Profiling' checkbox is unchecked.

2.List the branches having sum of deposit more than 500 and located in city BOMBAY.QUERY

SELECT D.BNAME FROM deposit D,branch B WHERE D.BNAME=B.BNAME AND B.CITY='BOMBAY' GROUP BY D.BNAME HAVING SUM(D.AMOUNT)>5000;

OUTPUT

The screenshot shows the same database query editor interface. The SQL query is updated to: `SELECT D.BNAME FROM deposit D,branch B WHERE D.BNAME=B.BNAME AND B.CITY='BOMBAY' GROUP BY D.BNAME HAVING SUM(D.AMOUNT)>5000`. Above the query bar, a status message reads: 'Showing rows 0 - 0 (1 total, Query took 0.0061 seconds.)'. The 'Filter rows' search box is now empty. The '+ Options' section still shows the table with columns 'BNAME' and 'POWAI'. The 'Profiling' checkbox is unchecked, with links for '[Edit inline]', '[Edit]', and '[Expla]'. The 'Number of rows' is still set to 25.

3.List the names of customers having deposited in the branches where the average deposit is more than 5000.QUERY

SELECT CNAME FROM deposit WHERE AMOUNT=(SELECT AVG(AMOUNT) FROM deposit GROUP BY BNAME HAVING AVG(AMOUNT)>5000);

OUTPUT

Showing rows 0 - 0 (1 total, Query took 0.0010 seconds.)

```
SELECT CNAME FROM deposit WHERE AMOUNT=(SELECT AVG(AMOUNT) FROM deposit GROUP BY BNAME HAVING AVG(AMOUNT)>5000)
```

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

+ Options

CNAME
NAREN

☐ Edit ☐ Copy ☐ Delete

4.List the names of customers having maximum deposit.

QUERY

SELECT CNAME,MAX(AMOUNT)"AMOUNT" FROM deposit;

OUTPUT

Showing rows 0 - 0 (1 total, Query took 0.0023 seconds.)

```
SELECT CNAME,MAX(AMOUNT)"AMOUNT" FROM deposit
```

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

+ Options

CNAME	AMOUNT
ANIL	7000.00

☐ Edit ☐ Copy ☐ Delete

5.List the name of branch having highest number of depositors.

QUERY

SELECT D1.BNAME FROM deposit D1 GROUP BY D1.BNAME HAVING COUNT(D1.CNAME) >= ALL (SELECT COUNT(D2.CNAME) FROM deposit D2 GROUP BY D2.BNAME);

OUTPUT

Showing rows 0 - 0 (1 total, Query took 0.0010 seconds.)

```
SELECT D1.BNAME FROM deposit D1 GROUP BY D1.BNAME HAVING COUNT(D1.CNAME) >= ALL (SELECT COUNT(D2.CNAME) FROM deposit D2 GROUP BY D2.BNAME)
```

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

+ Options

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

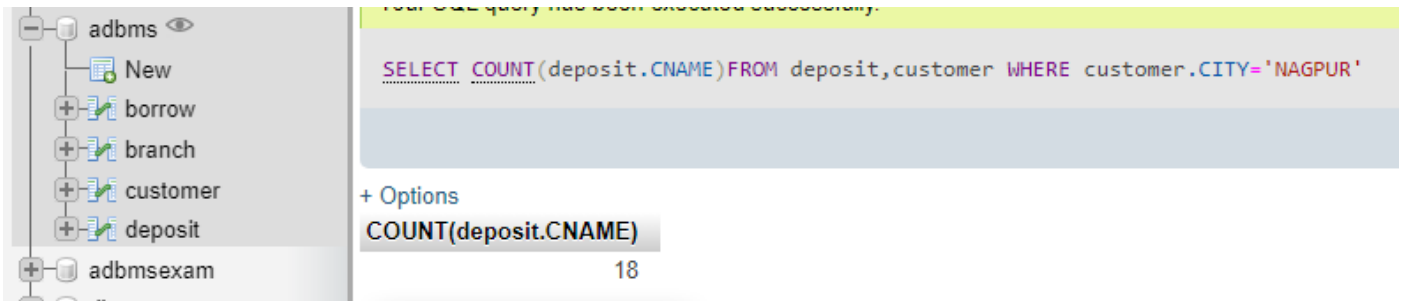
☐ Edit ☐ Copy ☐ Delete

6.Count the number of depositors living in NAGPUR.

QUERY

```
SELECT COUNT(deposit.CNAME)FROM deposit,customer WHERE customer.CITY='NAGPUR';
```

OUTPUT



adbms

- New
- borrow
- branch
- customer
- deposit
- adbmsexam

SQL query has been executed successfully.

```
SELECT COUNT(deposit.CNAME)FROM deposit,customer WHERE customer.CITY='NAGPUR'
```

+ Options

COUNT(deposit.CNAME)

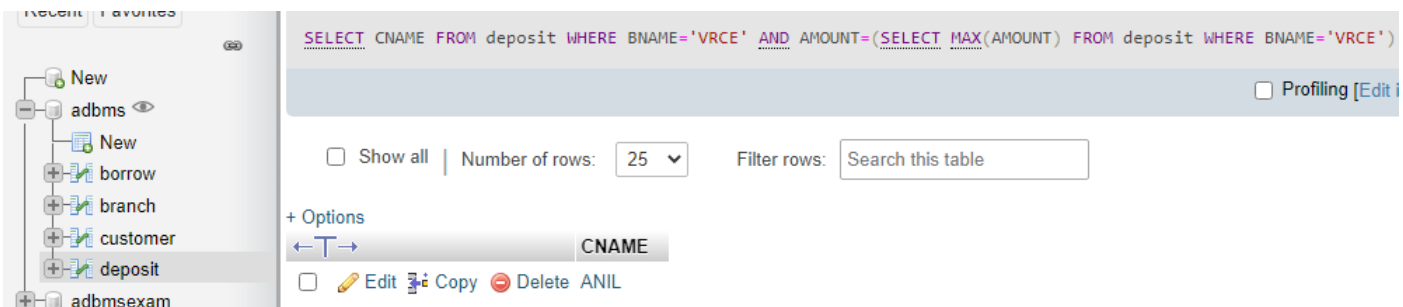
18

7.Give names of customers in VRCE branch having more deposite than any other customer in same branch.

QUERY

```
SELECT CNAME FROM deposit WHERE BNAME='VRCE' AND AMOUNT=(SELECT MAX(AMOUNT) FROM deposit WHERE BNAME='VRCE');
```

OUTPUT



Recent Favorites

adbms

- New
- borrow
- branch
- customer
- deposit
- adbmsexam

SQL query has been executed successfully.

```
SELECT CNAME FROM deposit WHERE BNAME='VRCE' AND AMOUNT=(SELECT MAX(AMOUNT) FROM deposit WHERE BNAME='VRCE')
```

Profiling [Edit i]

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

+ Options

CNAME

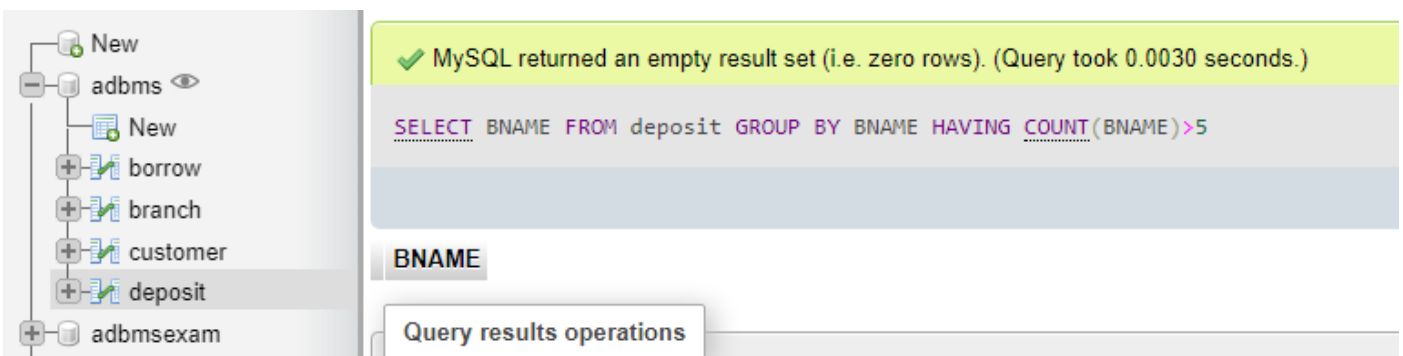
Edit Copy Delete ANIL

8.Give the names of branch where number of depositors is more than 5.

QUERY

```
SELECT BNAME FROM deposit GROUP BY BNAME HAVING COUNT(BNAME)>5;
```

OUTPUT



adbms

- New
- borrow
- branch
- customer
- deposit
- adbmsexam

MySQL returned an empty result set (i.e. zero rows). (Query took 0.0030 seconds.)

```
SELECT BNAME FROM deposit GROUP BY BNAME HAVING COUNT(BNAME)>5
```

BNAME

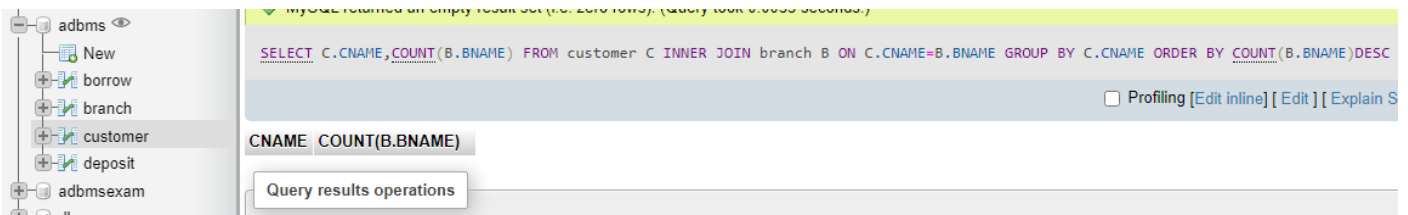
Query results operations

9. Give the names of cities in which the maximum number of branches are located.

QUERY

```
SELECT C.CNAME, COUNT(B.BNAME) FROM customer C INNER JOIN branch B ON  
C.CNAME=B.BNAME GROUP BY C.CNAME ORDER BY COUNT(B.BNAME) DESC;
```

OUTPUT



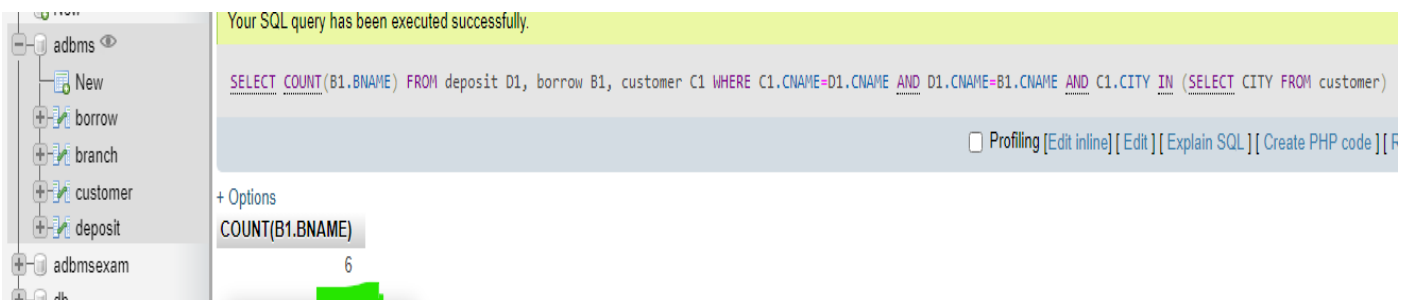
CNAME	COUNT(B.BNAME)
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10. Count the number of customers living in the city where branch is located.

QUERY

```
SELECT COUNT(B1.BNAME) FROM deposit D1, borrow B1, customer C1 WHERE  
C1.CNAME=D1.CNAME AND D1.CNAME=B1.CNAME AND C1.CITY IN (SELECT CITY FROM  
customer);
```

OUTPUT



COUNT(B1.BNAME)
6