JOICE JOHN
S2 RMCA B
ROLL NO: 02

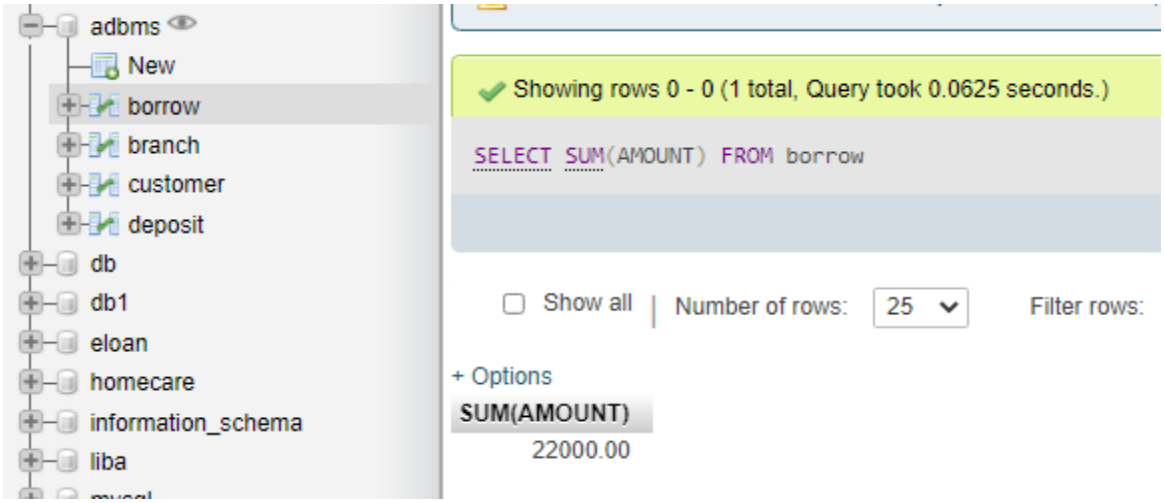
EXPERIMENT 05: AGGREGATE FUNCTIONS

1. List total loan

QUERY

```
SELECT SUM(AMOUNT) FROM borrow;
```

OUTPUT

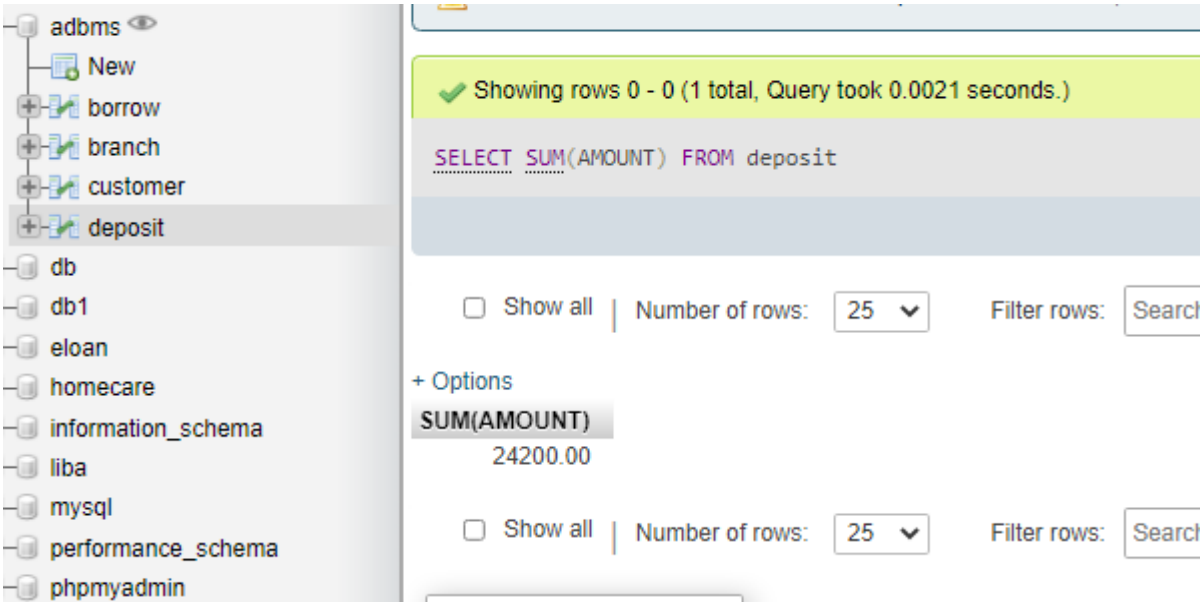


2. List total deposit

QUERY

```
SELECT SUM(AMOUNT) FROM deposit;
```

OUTPUT

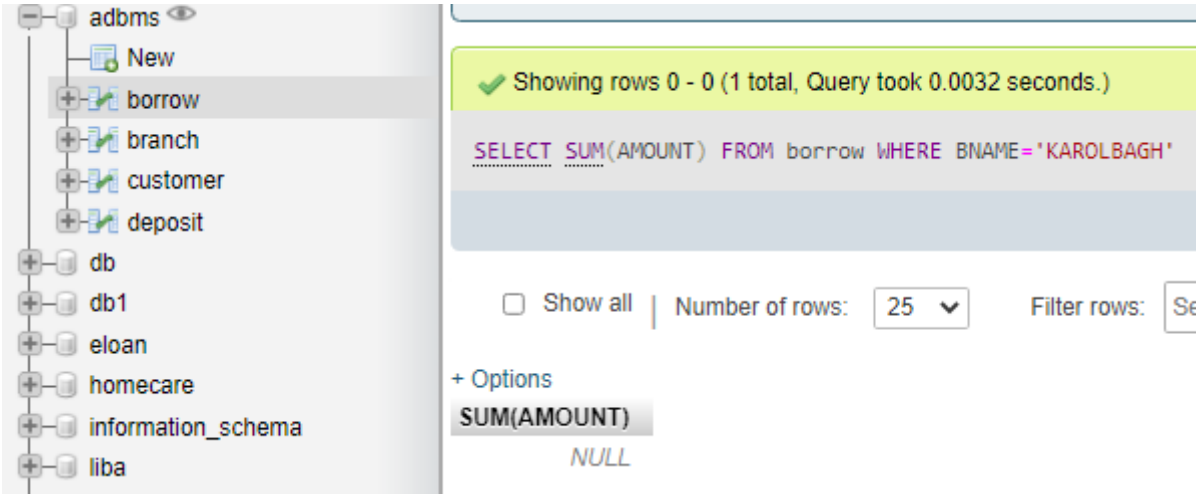


3. List total loan taken from KAROLBAGH branch

QUERY

SELECT SUM(AMOUNT) FROM borrow WHERE BNAME='KAROLBAGH';

OUTPUT

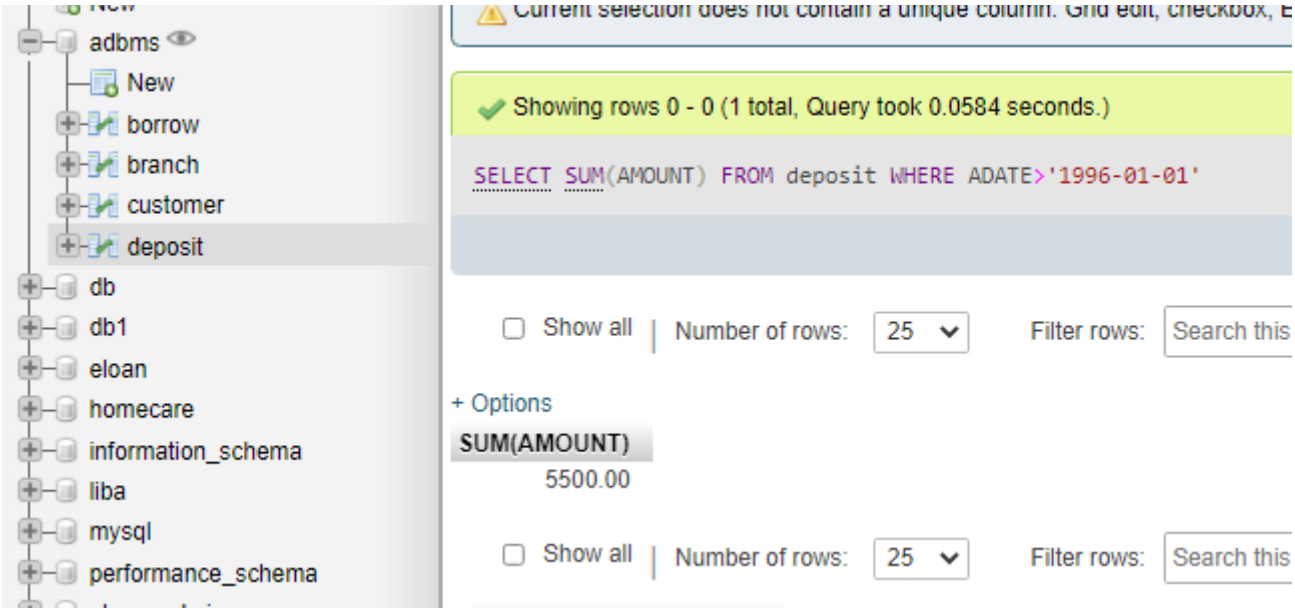


4. List total deposit of customers having account date later than 1-Jan-96

QUERY

SELECT SUM(AMOUNT) FROM deposit WHERE ADATE>'1996-01-01';

OUTPUT

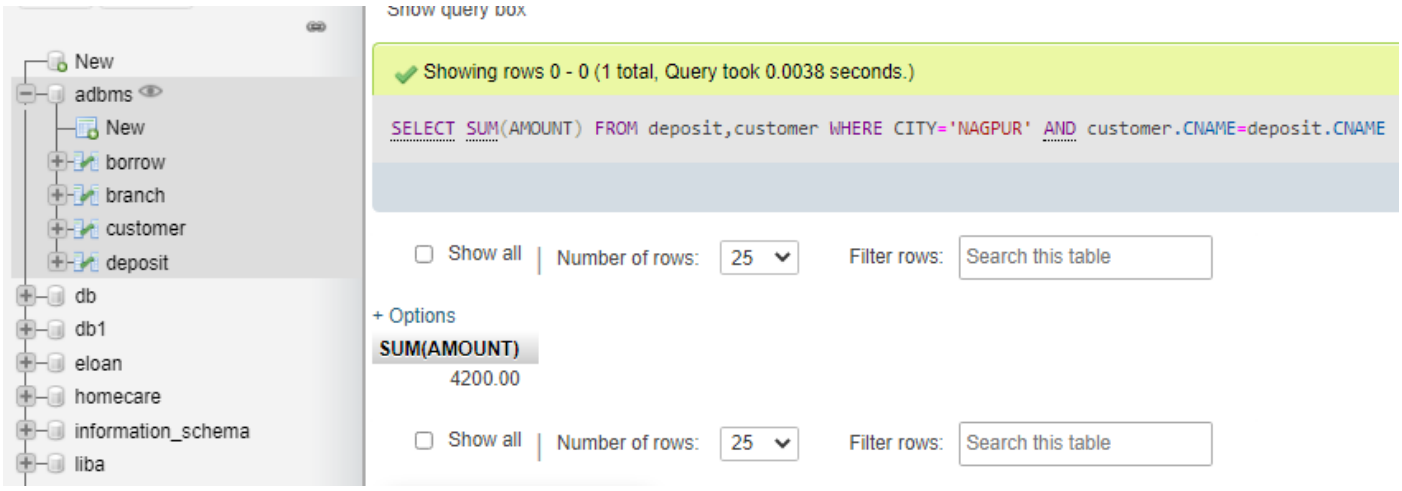


5. List total deposit of customers living in city NAGPUR

QUERY

SELECT SUM(AMOUNT) FROM deposit,customer WHERE CITY='NAGPUR' AND customer.CNAME=deposit.CNAME;

OUTPUT

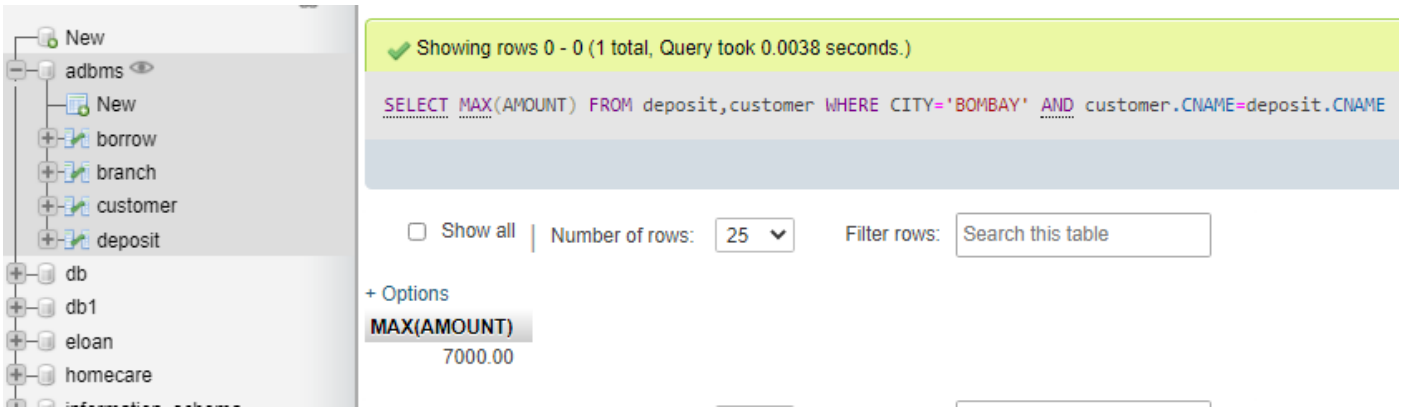


6. List maximum deposit of customer living in Bombay

QUERY

SELECT MAX(AMOUNT) FROM deposit,customer WHERE CITY='BOMBAY' AND customer.CNAME=deposit.CNAME

OUTPUT

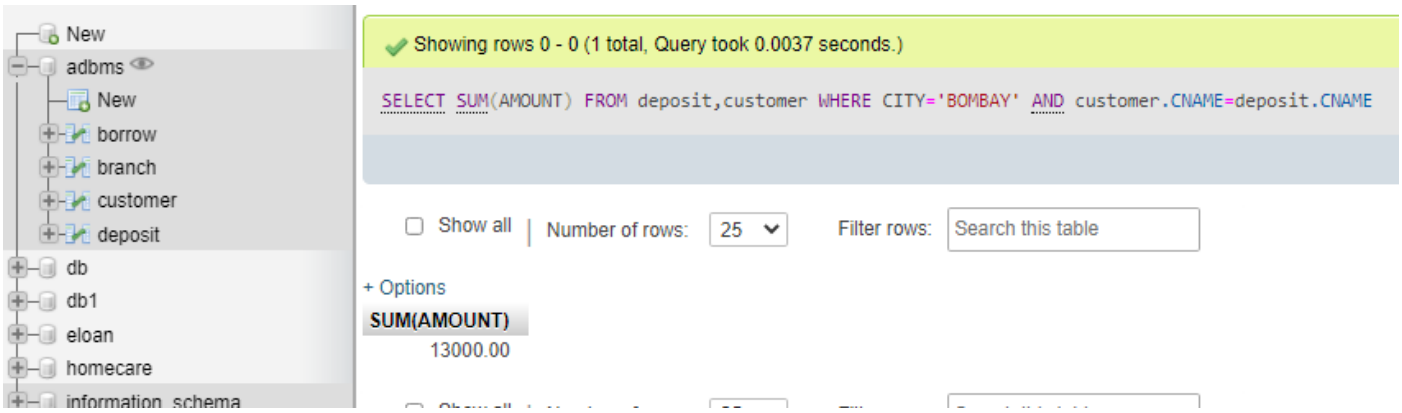


7. List total deposit of customer having branch in BOMBAY

QUERY

SELECT SUM(AMOUNT) FROM deposit,customer WHERE CITY='BOMBAY' AND customer.CNAME=deposit.CNAME;

OUTPUT

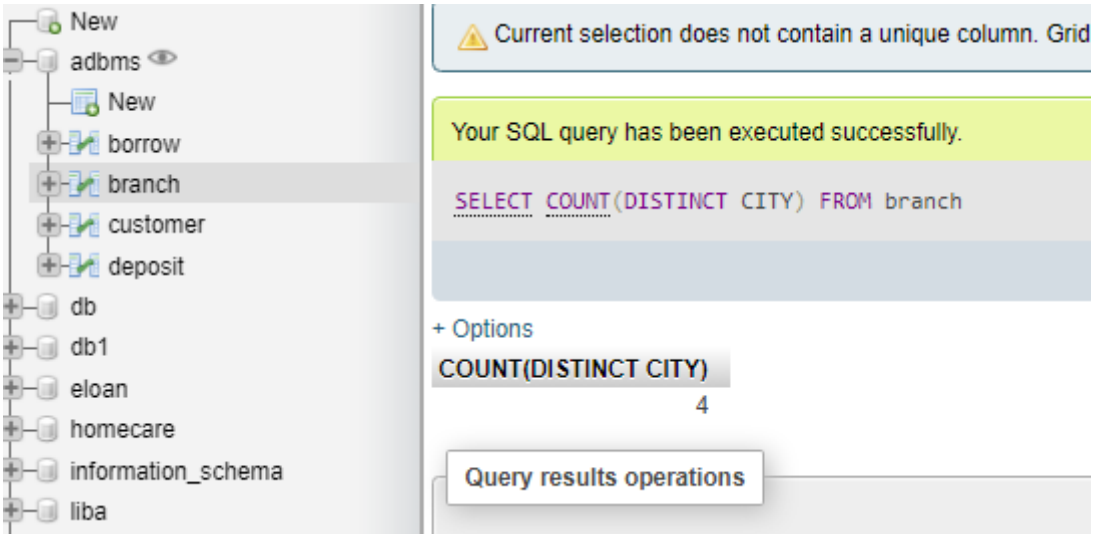


8. Count total number of branch cities

QUERY

SELECT COUNT(DISTINCT CITY) FROM branch;

OUTPUT

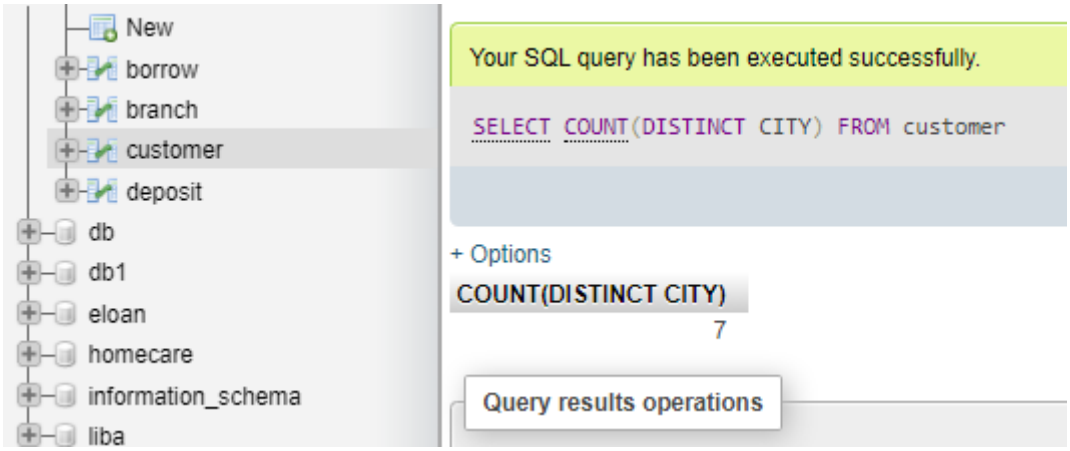


9. Count total number of customers cities

QUERY

SELECT COUNT(DISTINCT CITY) FROM customer;

OUTPUT

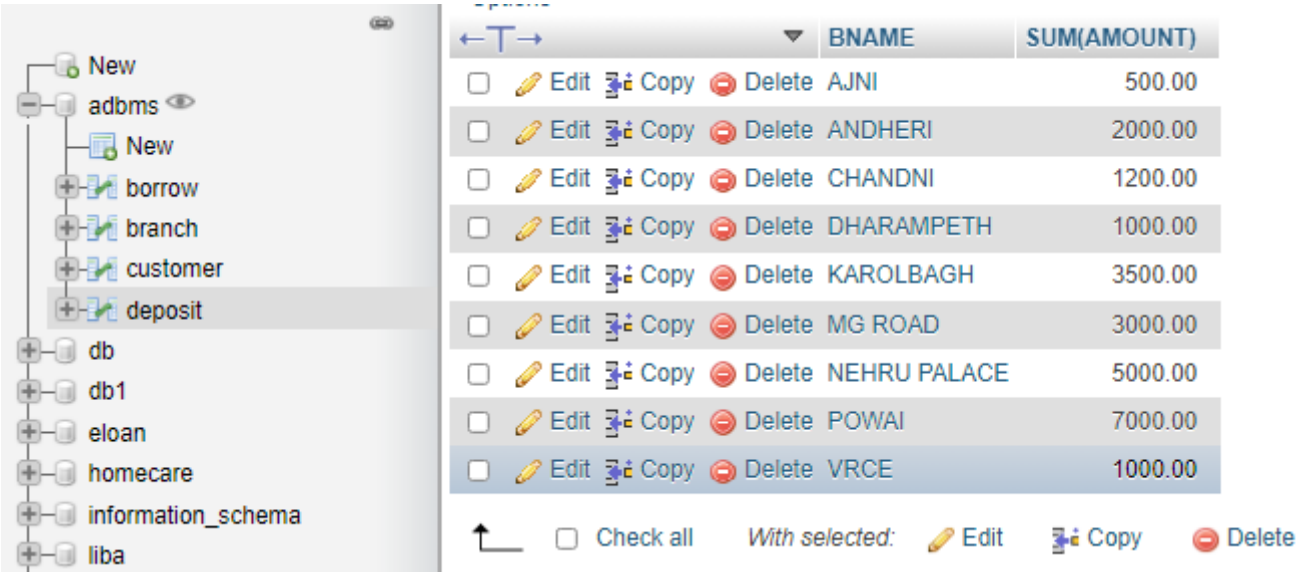


10. Give branch names and branch wise deposit

QUERY

SELECT BNAME,SUM(AMOUNT) FROM deposit GROUP BY BNAME;

OUTPUT

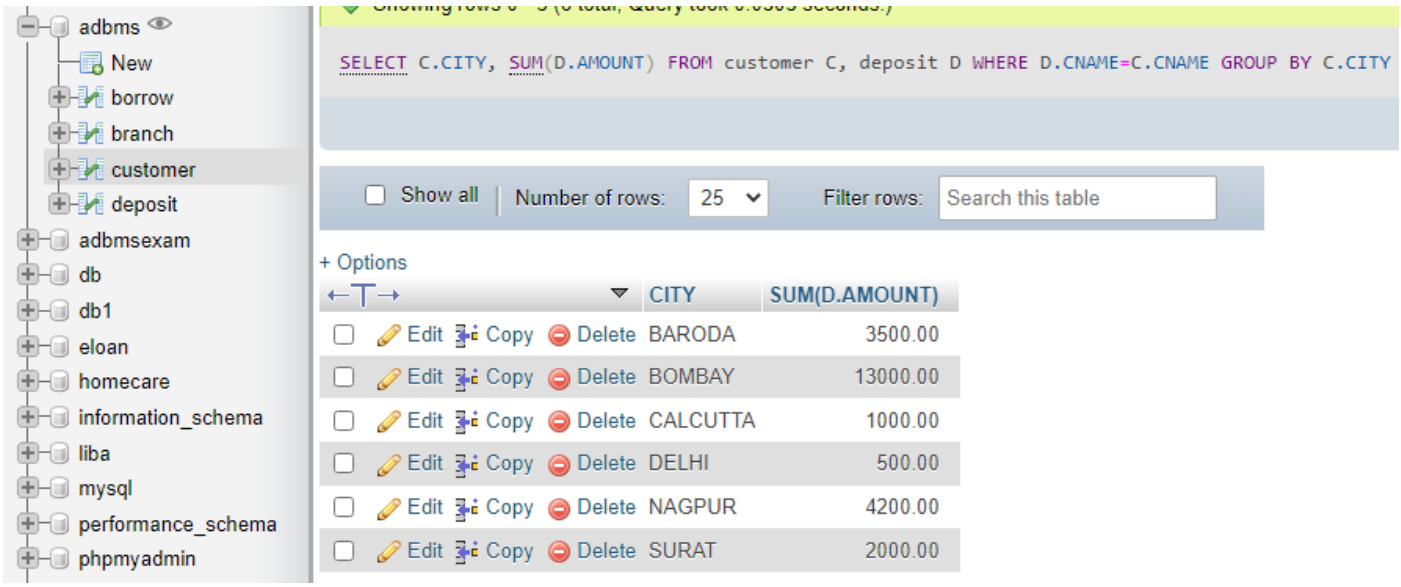


11. Give city wise name and branch wise deposit

QUERY

SELECT C.CITY, SUM(D.AMOUNT) FROM customer C, deposit D WHERE D.CNAME=C.CNAME GROUP BY C.CITY;

OUTPUT

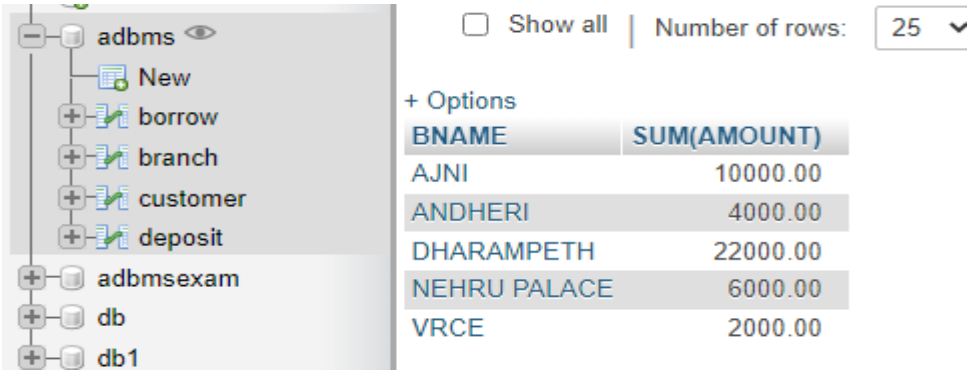


12. Give the branch wise loan of customer living in NAGPUR

QUERY

SELECT BNAME,SUM(AMOUNT) FROM borrow,customer WHERE CITY="NAGPUR" GROUP BY BNAME;

OUTPUT

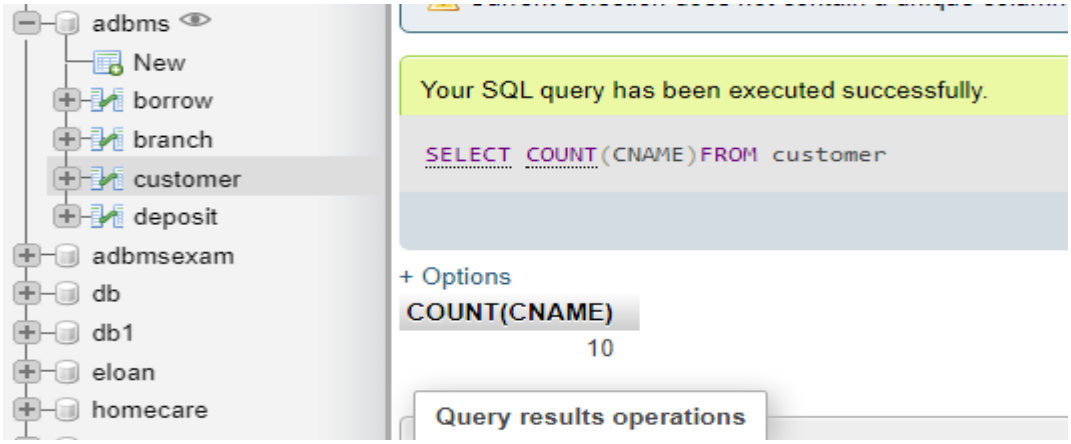


13. Count total number of customers

QUERY

SELECT COUNT(CNAME)FROM customer;

OUTPUT

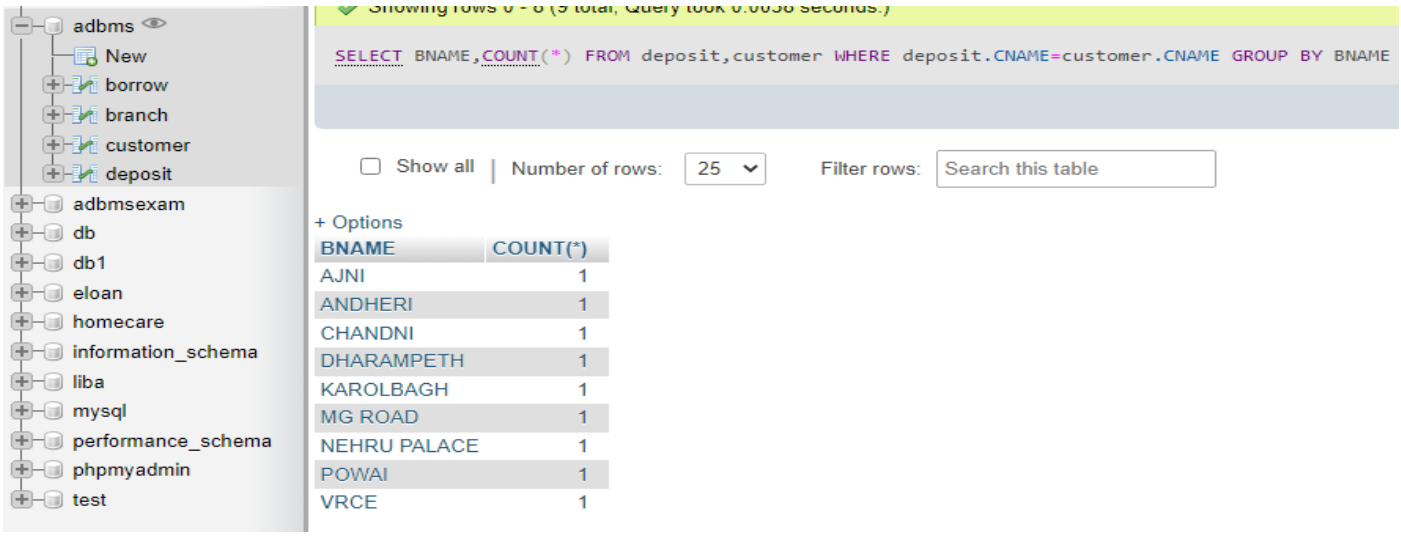


14. Count total number of depositors branch wise

QUERY

SELECT BNAME,COUNT(*) FROM deposit,customer WHERE deposit.CNAME=customer.CNAME GROUP BY BNAME;

OUTPUT

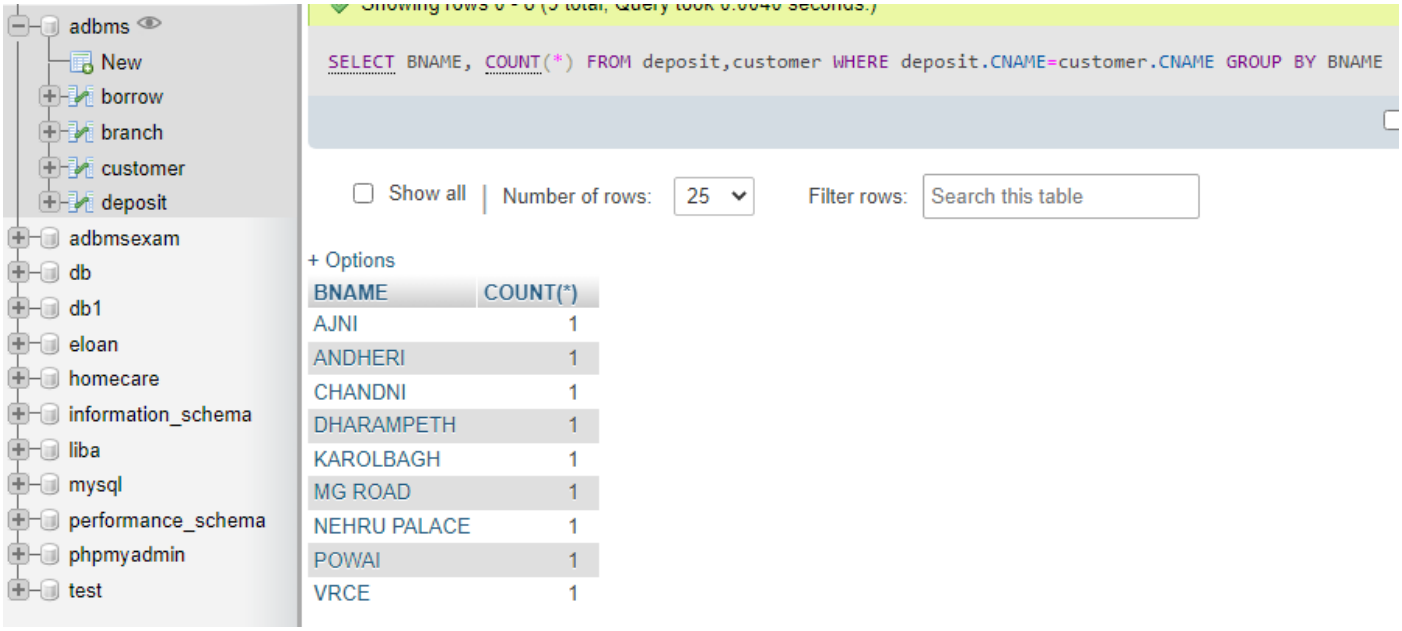


15. Count total number of depositors branch wise

QUERY

SELECT BNAME, COUNT(*) FROM deposit,customer WHERE deposit.CNAME=customer.CNAME GROUP BY BNAME;

OUTPUT

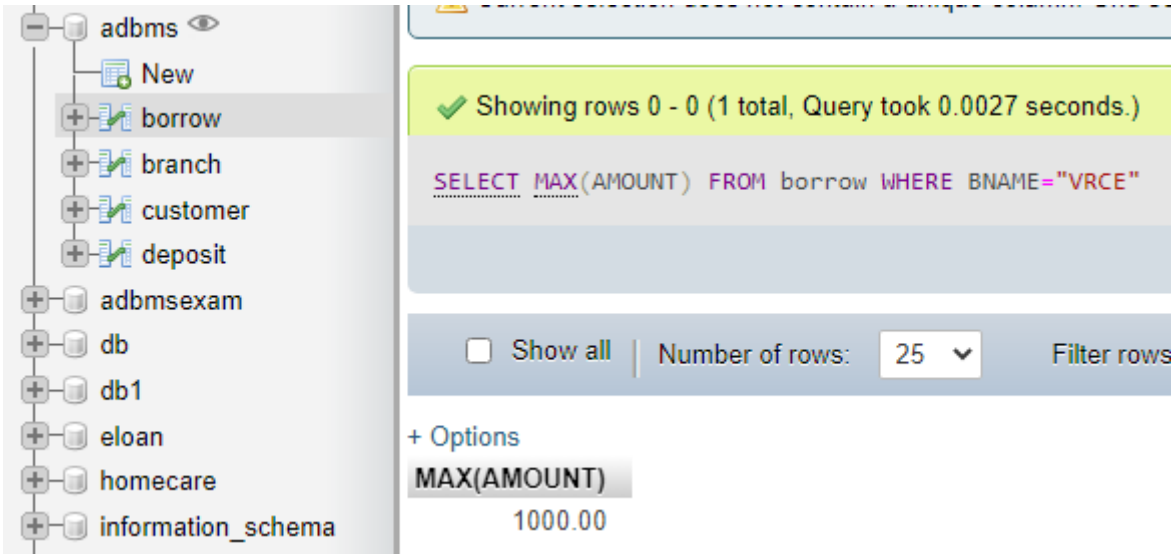


16. Give maximum loan from branch VRCE

QUERY

SELECT MAX(AMOUNT) FROM borrow WHERE BNAME="VRCE";

OUTPUT



17. Give the number of customers who are depositors as well as borrowers

QUERY

SELECT COUNT(DISTINCT (CNAME)) FROM customer WHERE CNAME IN ((SELECT CNAME FROM deposit) INTERSECT (SELECT CNAME FROM borrow));

OUTPUT