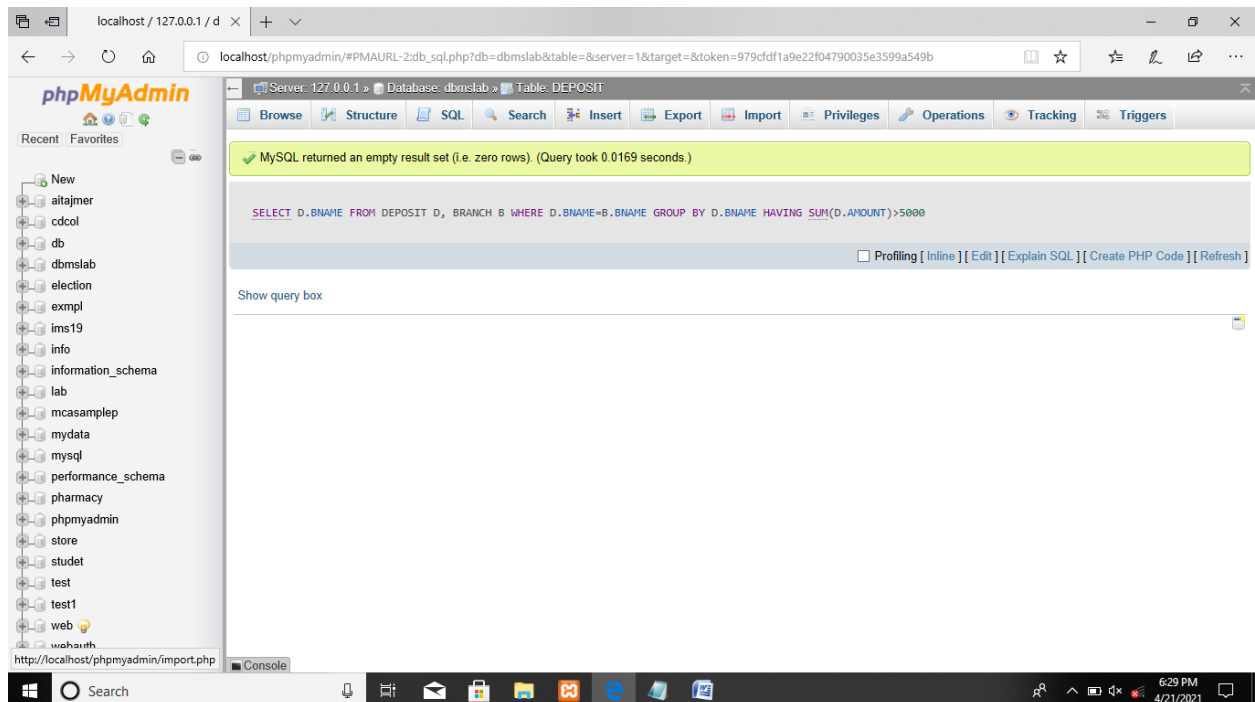


EXPERIMENT NO.8 : 24/05/2021

GROUP BY AND HAVING

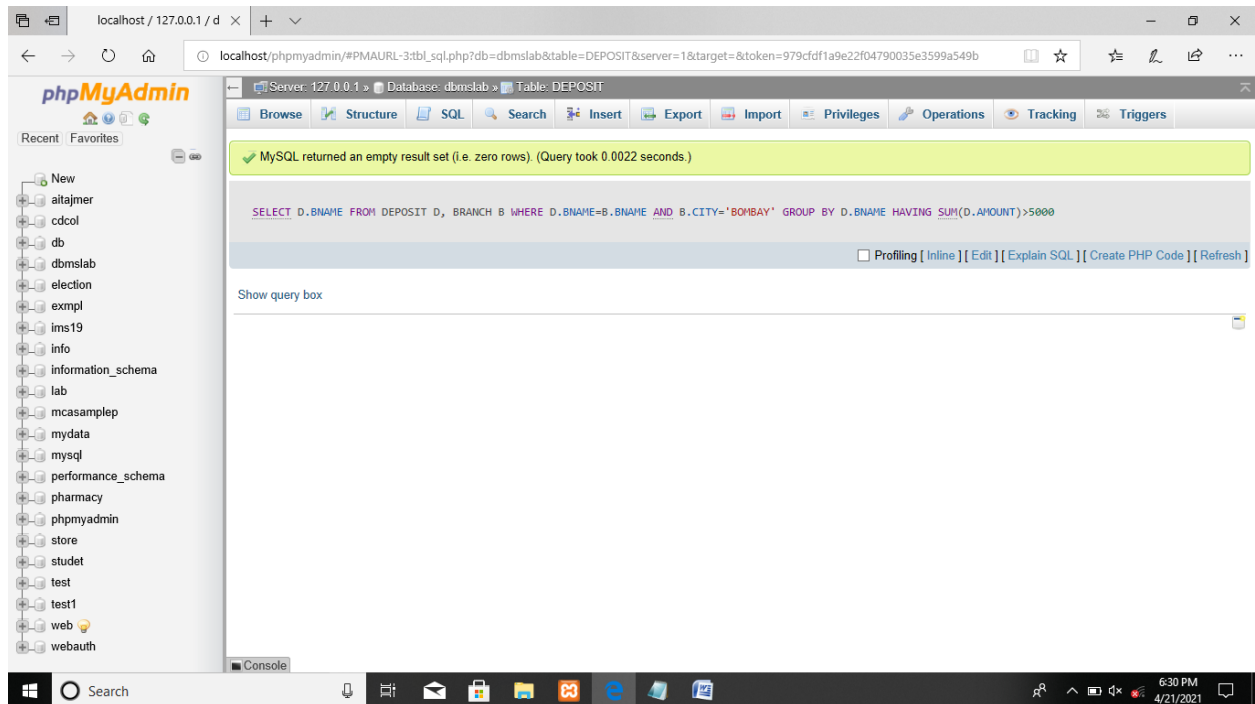
1.List the branches having sum of deposit more than 5000.

Code: **SELECT D.BNAME FROM DEPOSIT D, BRANCH B WHERE D.BNAME=B.BNAME GROUP BY D.BNAME HAVING SUM(D.AMOUNT)>5000;**



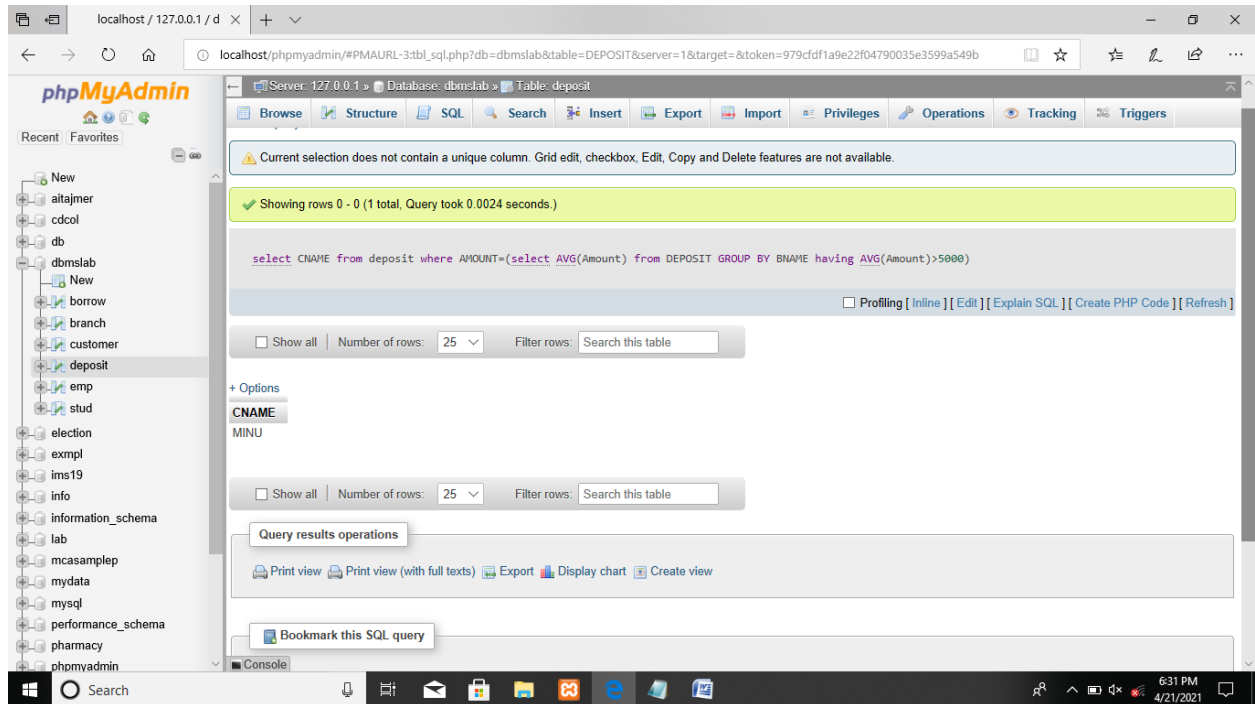
2.List the branches having sum of deposit more than 500 and located in city BOMBAY

Code: 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;



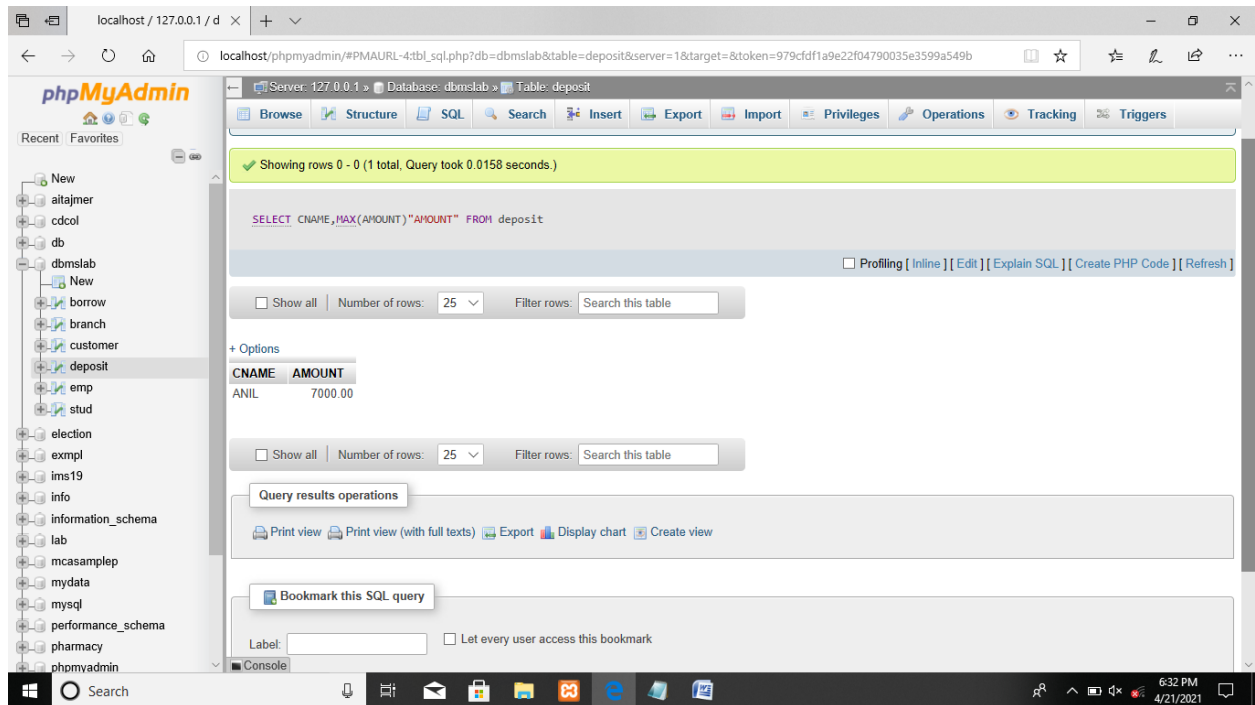
3. List the names of customers having deposited in the branches where the average deposit is more than 5000.

Code: select CNAME from deposit where AMOUNT=(select AVG(Amount) from DEPOSIT GROUP BY BNAME having AVG(Amount)>5000);



4. List the names of customers having maximum deposit

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

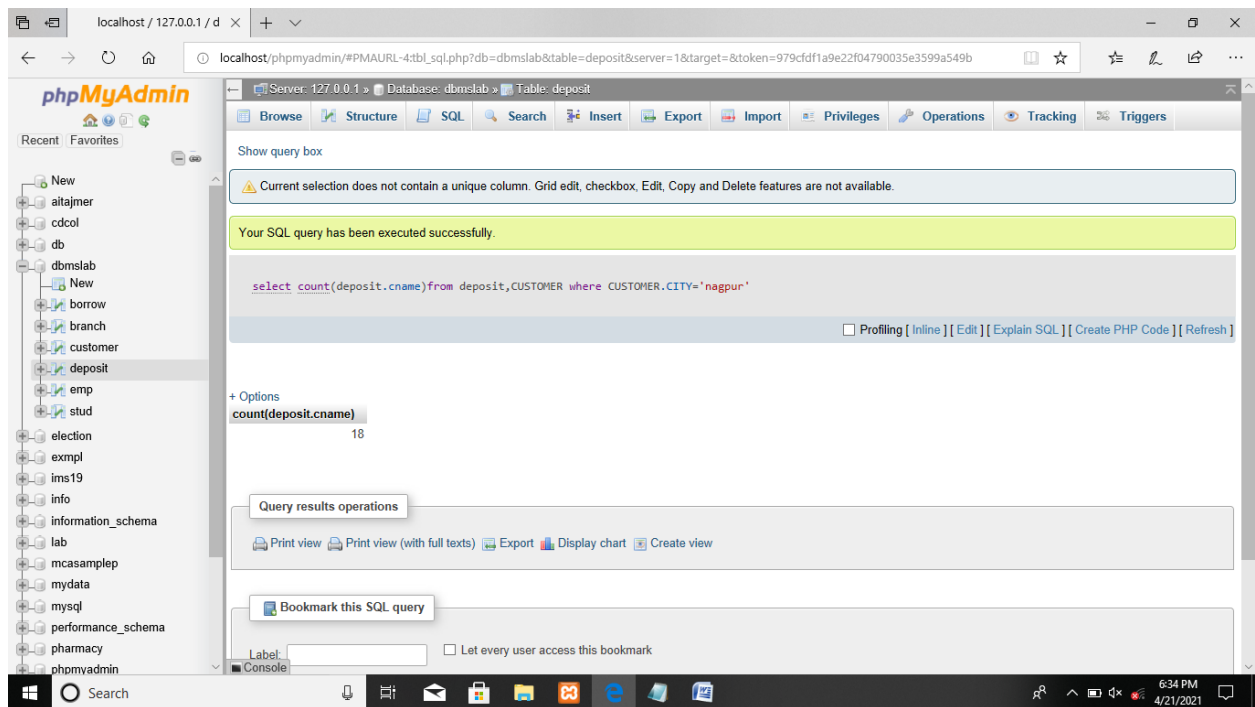


5. List the name of branch having highest number of depositors?

Code: 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);

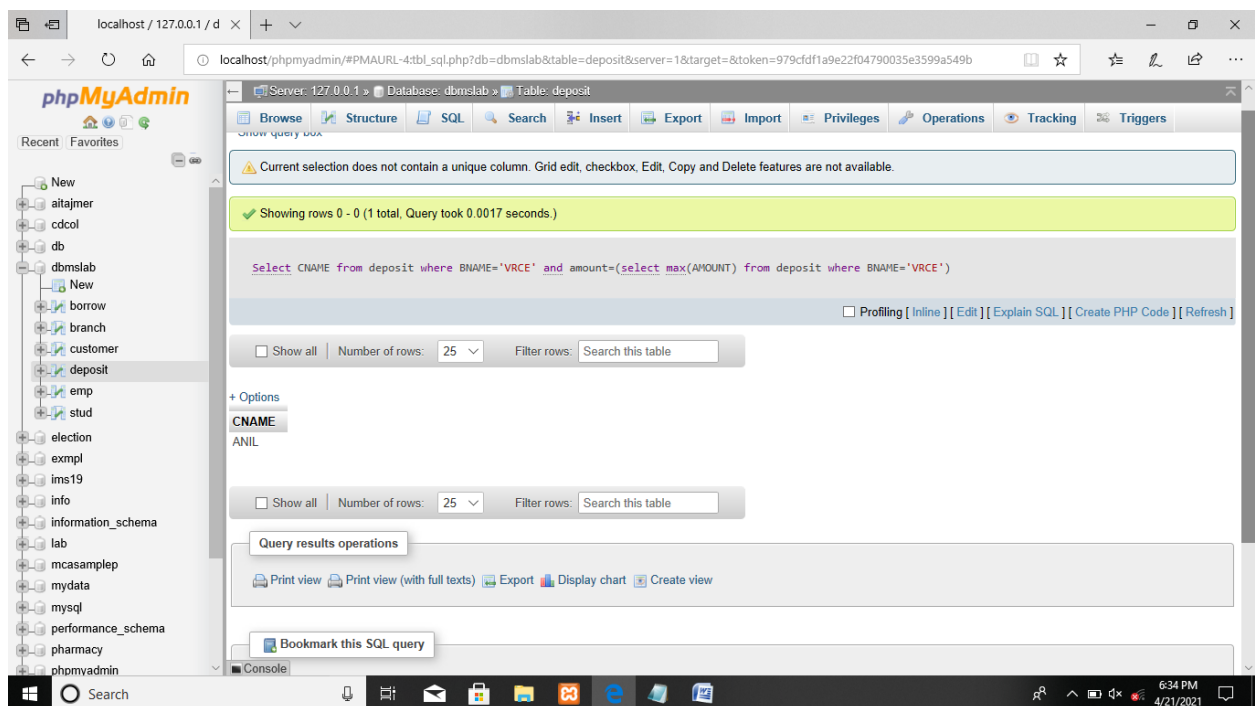
6. Count the number of depositors living in NAGPUR.

Code: select count(deposit.cname)from deposit,CUSTOMER where CUSTOMER.CITY='nagpur';



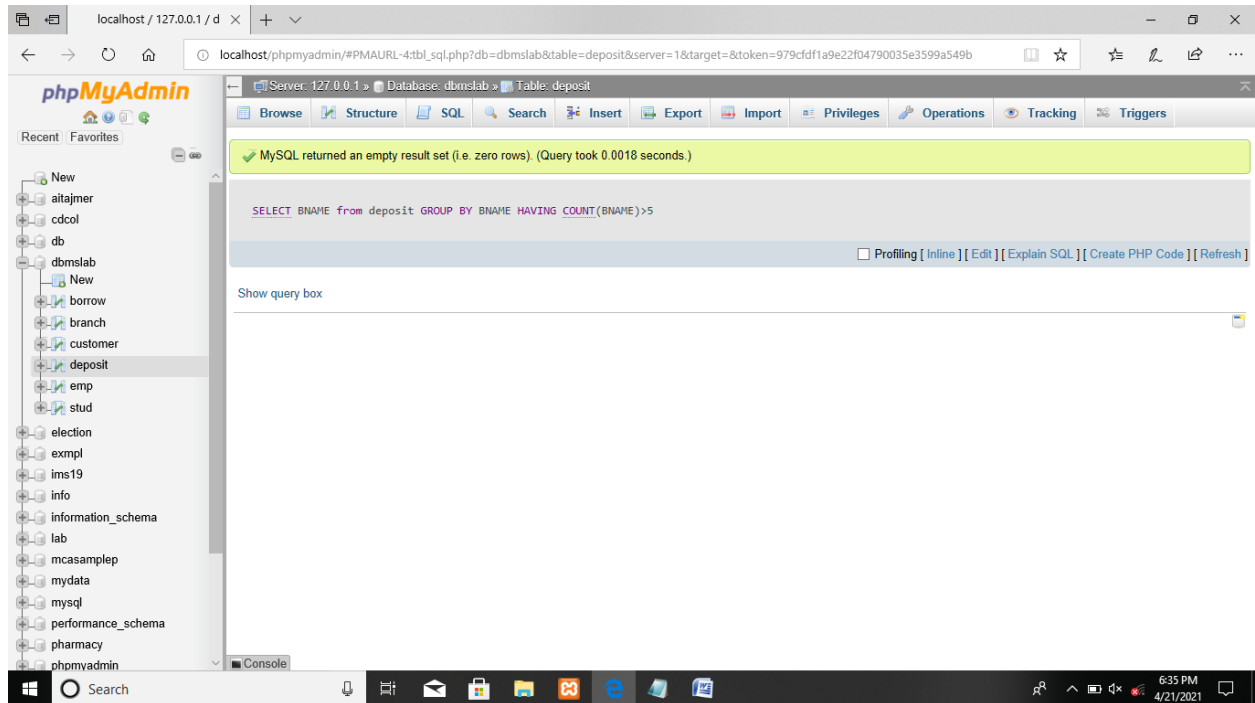
7. Give names of customers in VRCE branch having more deposit than any other customer in same branch

Code: Select CNAME from deposit where BNAME='VRCE' and amount=(select max(AMOUNT) from deposit where BNAME='VRCE');



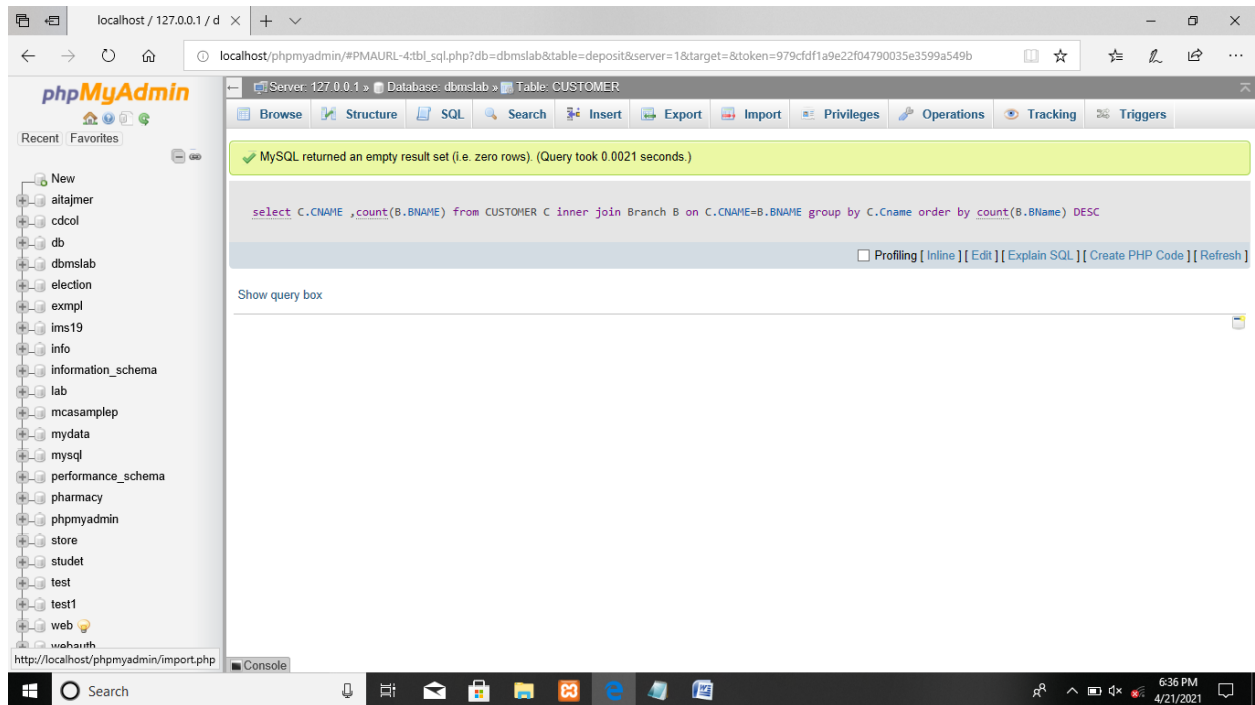
8. Give the names of branch where number of depositors is more than 5

Code: `SELECT BNAME from deposit GROUP BY BNAME HAVING COUNT(BNAME)>5;`



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

Code: `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;`



10.Count the number of customers living in the city where branch is located

Code: 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);

