

1.List all data table customer

select * from CUSTOMER;



cname	city
Anil	calcutta
kranti	bombay
Madhuri	Nagpur
Mandar	patna
Mehul	Baroda
naren	bombay
Pramod	Nagpur
Sandip	surat
Shivani	Bombay
Sunil	Delhi

2.List all data from table branch

select * from BRANCH;



9 rows

bname	city
ajni	nagpur
andheri	bombay
chandni	delhi
dharampeth	Nagpur
karolbagh	delhi
mg road	banglore
nehru palace	delhi
pawai	bombay
vrce	nagpur

FullStalk Java Training Cochin
CCNA | MCSE | RHCE | AWS | Azure

Activate Windows
Go to Settings to activate Windows.

3.List all data from table borrow

select * from BORROW;

localhost / 127.0.0.1 / d ×

localhost/phpmyadmin/#PMAURL-9:sql.php?db=dbmslab&table=borrow&server=1&target=&token=289f78c7032155f2c8f9e23a3243d8f6

Server: 127.0.0.1 Database: dbmslab Table: borrow

Sort by key: None

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

☐ Check All With selected: ☐ Change ☐ Delete ☐ Export

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

4. List all data from table deposit

select * from DEPOSIT;

localhost / 127.0.0.1 / d ×

localhost/phpmyadmin/#PMAURL-14:db_sql.php?db=dbmslab&table=&server=1&target=&token=289f78c7032155f2c8f9e23a3243d8f6

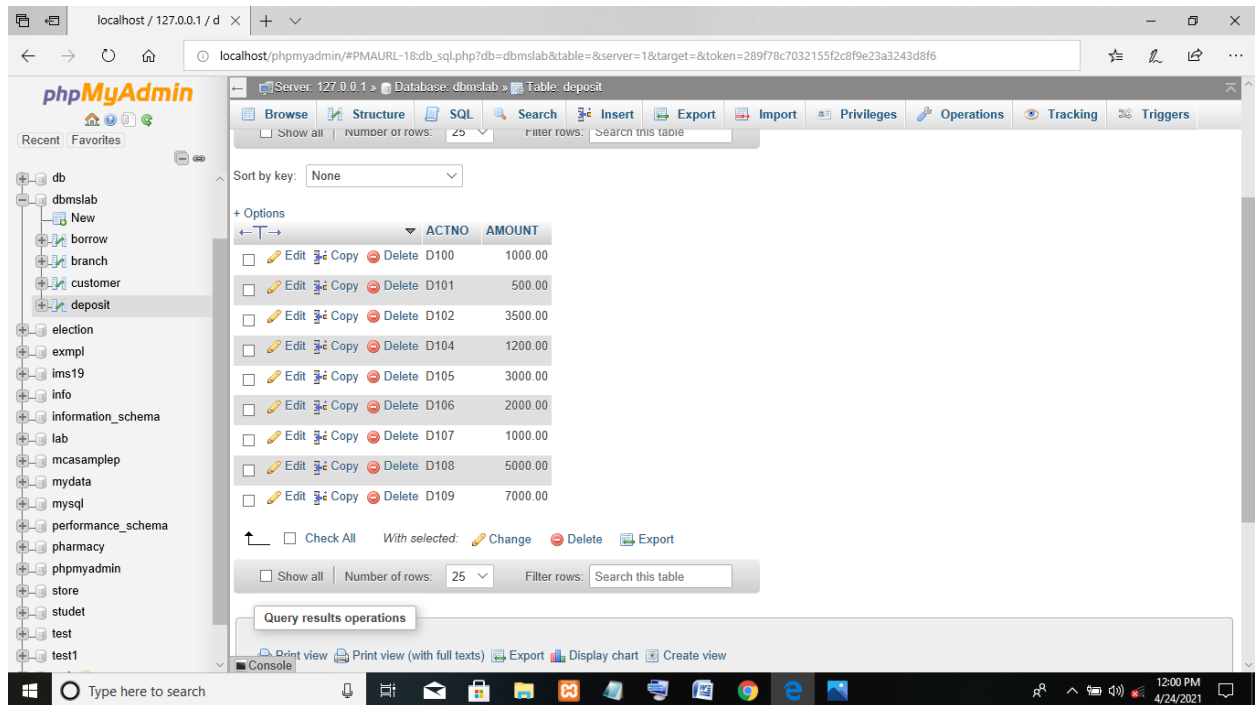
Server: 127.0.0.1 Database: dbmslab Table: deposit

Sort by key: None

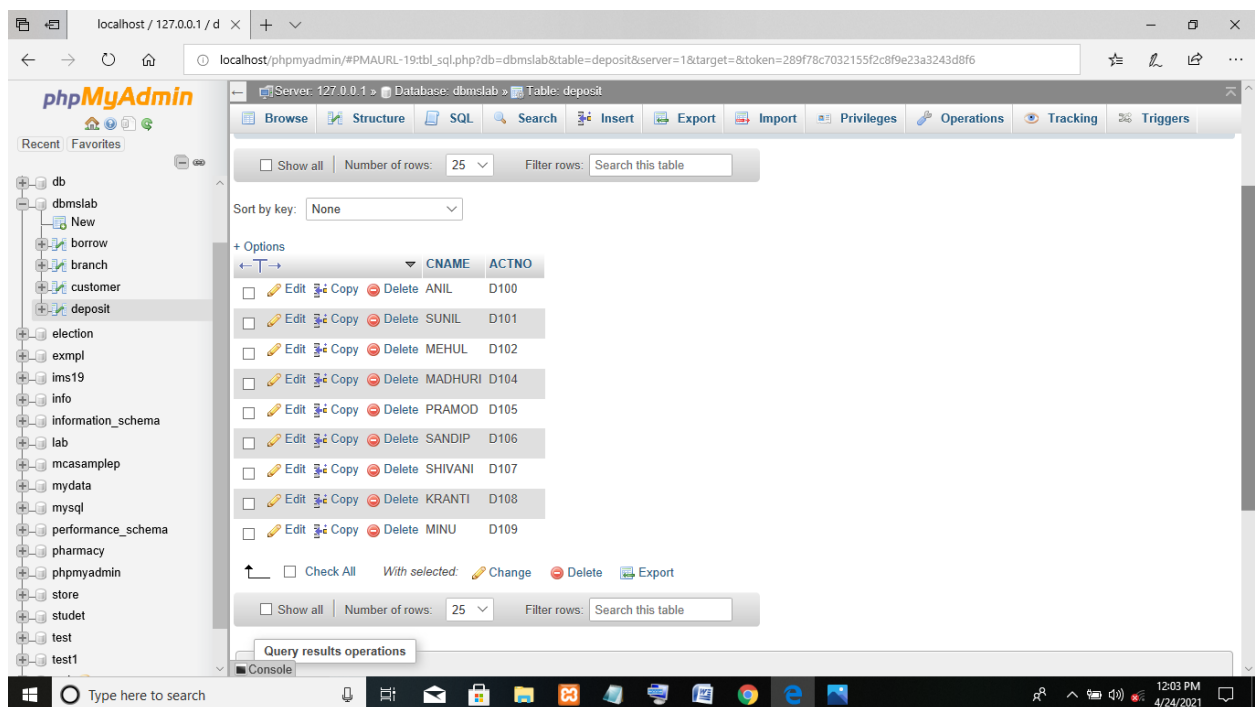
	ACTNO	CNAME	BNAME	AMOUNT	ADATE
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	D100	ANIL	VRCE	1000.00	1995-03-01
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	D101	SUNIL	ANJNI	500.00	1996-01-04
<input type="checkbox"/> 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	1995-12-17
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	D105	PRAMOD	MG ROAD	3000.00	1996-03-27
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	D106	SANDIP	ANDHERI	2000.00	1996-03-31
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	D107	SHIVANI	VIRAR	1000.00	1995-09-05
<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	MINU	POWAI	7000.00	1995-08-10

☐ Check All With selected: ☐ Change ☐ Delete ☐ Export

5. Give account no and amount of deposit

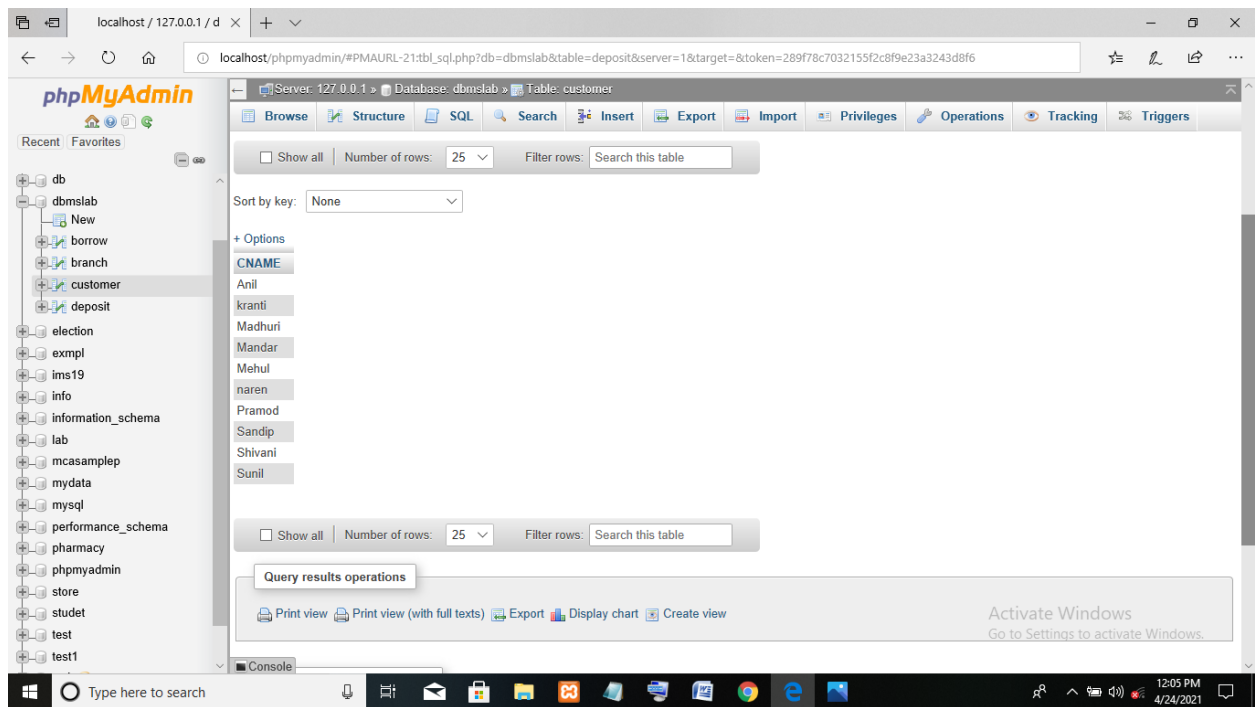


6. Give account no and customer name of depositer



7. Give name of the customer

COMMAND:select CNAME from customer;

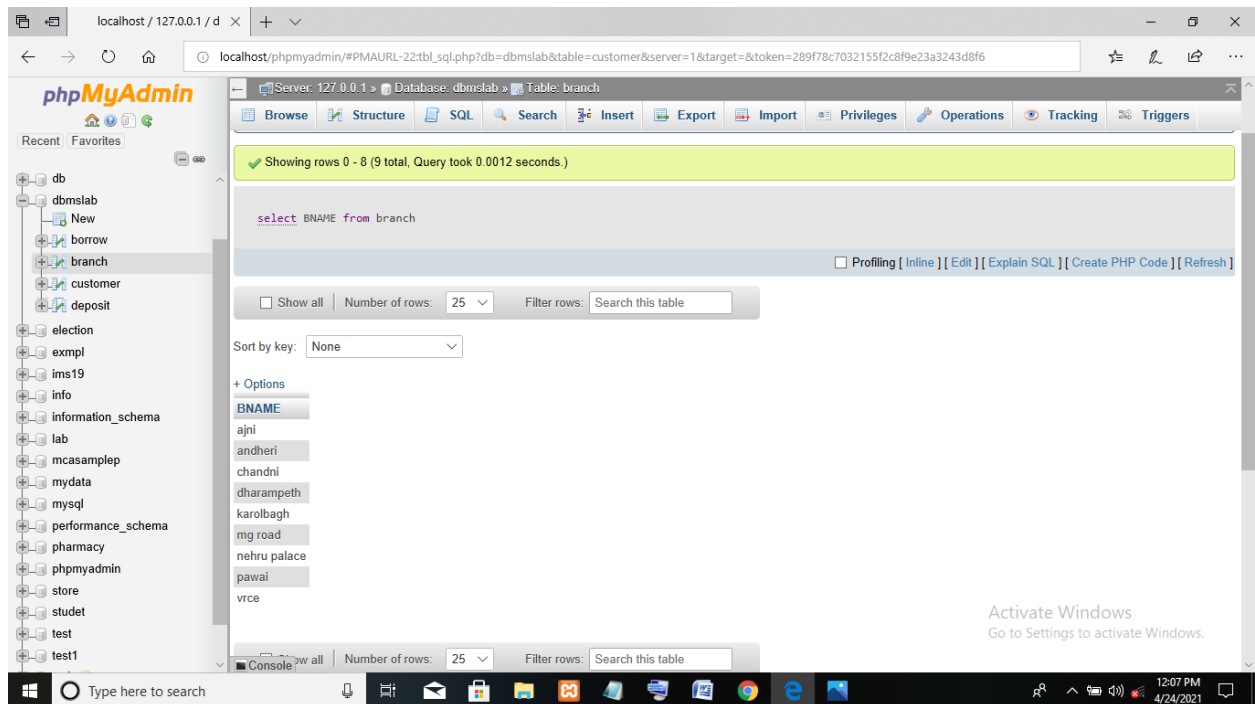


The screenshot shows the phpMyAdmin interface. On the left, a tree view shows the database structure with 'dbmslab' selected. The main panel displays the 'customer' table. The table has 9 rows of data, with the first column labeled 'CNAME'. The names listed are: Anil, kranti, Madhuri, Mandar, Mehul, naren, Pramod, Sandip, and Shivani. The interface includes a search bar, a 'Show all' button, and a 'Number of rows' dropdown set to 25. The bottom status bar shows the time as 12:05 PM on 4/24/2021.

CNAME
Anil
kranti
Madhuri
Mandar
Mehul
naren
Pramod
Sandip
Shivani

8. Give name of the branches

select BNAME from branch;

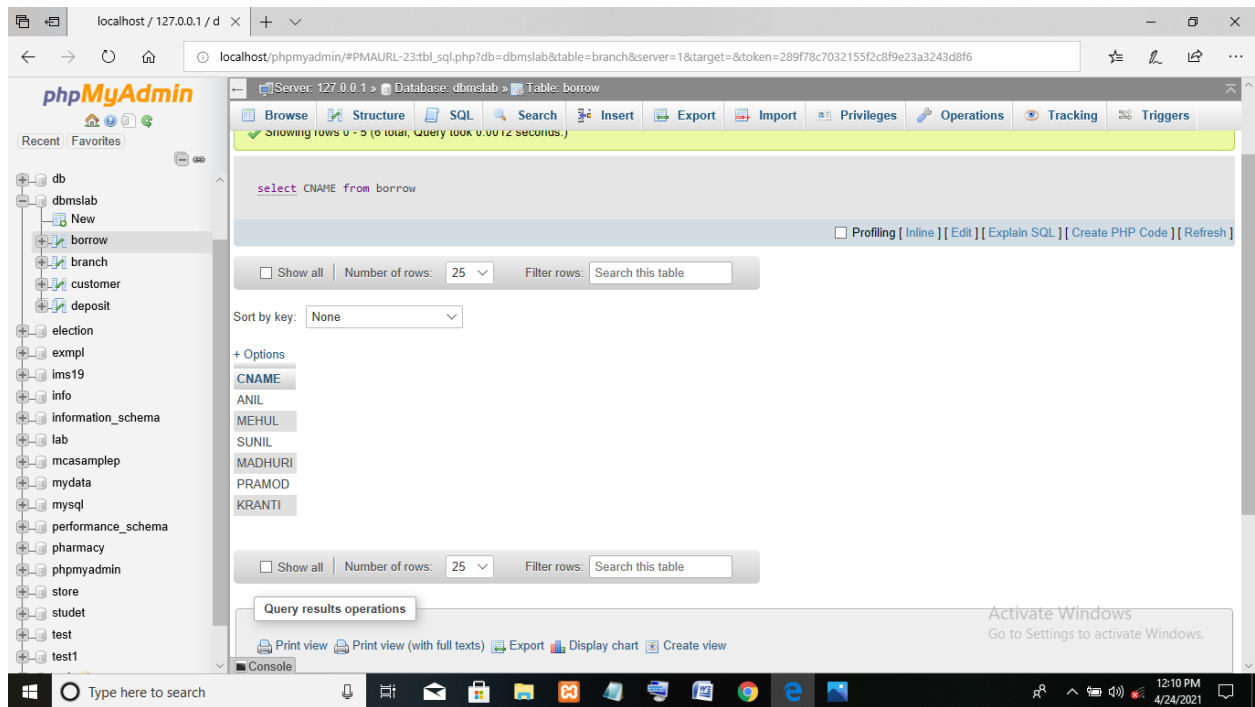


The screenshot shows the phpMyAdmin interface. On the left, a tree view shows the database structure with 'dbmslab' selected. The main panel displays the 'branch' table. The table has 9 rows of data, with the first column labeled 'BNAME'. The names listed are: ajni, andheri, chandni, dharampeth, karolbagh, mg road, nehru palace, pawai, and vrce. The interface includes a search bar, a 'Show all' button, and a 'Number of rows' dropdown set to 25. The bottom status bar shows the time as 12:07 PM on 4/24/2021.

BNAME
ajni
andheri
chandni
dharampeth
karolbagh
mg road
nehru palace
pawai
vrce

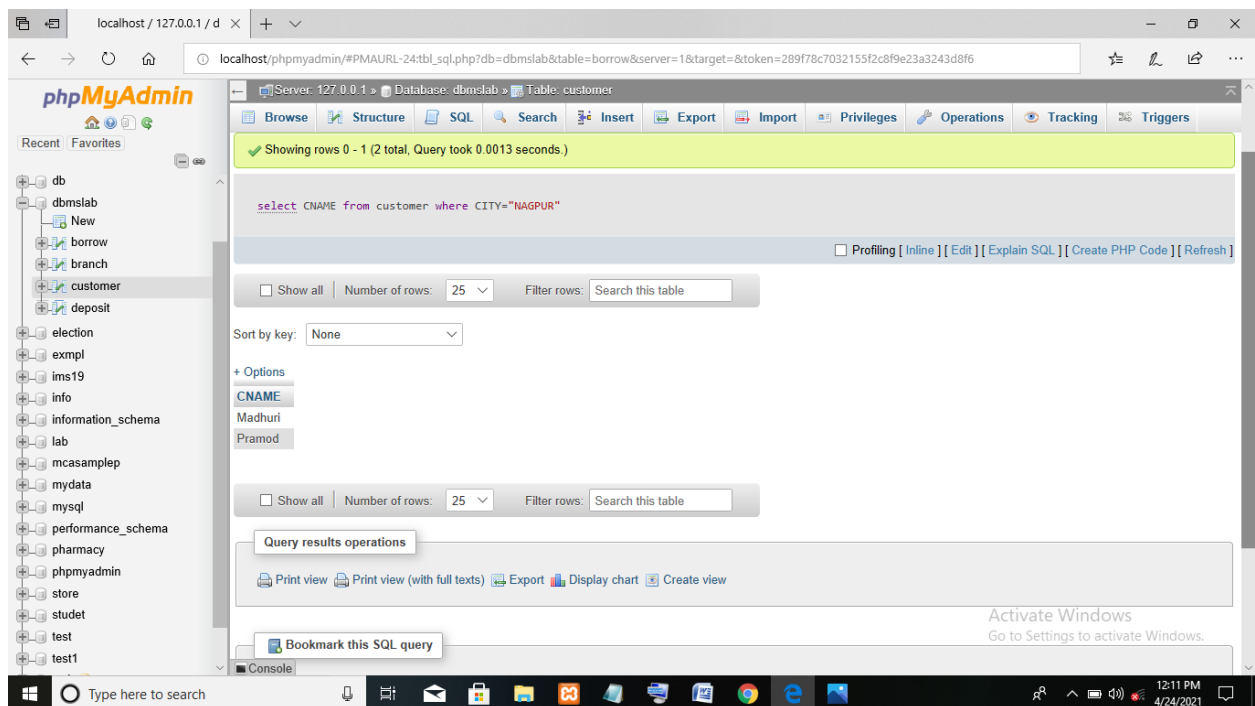
9. Give name of borrower

```
select CNAME from borrow;
```



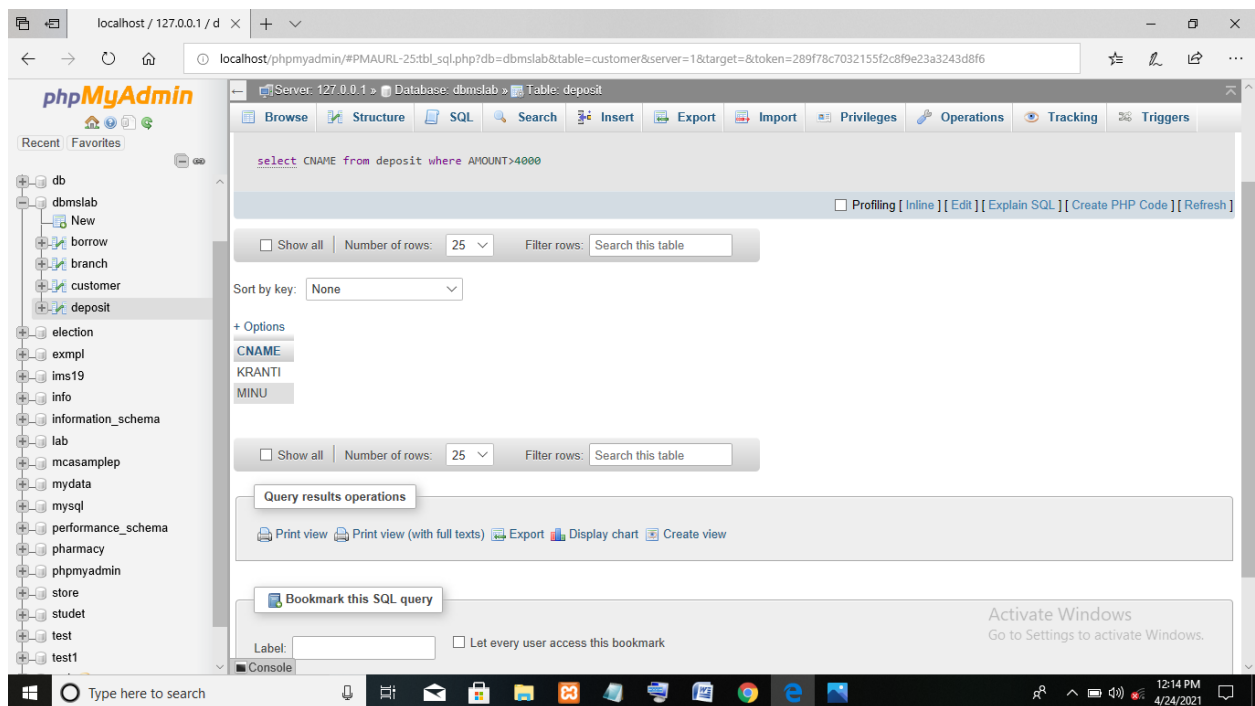
10. Give name of the customer living in the city Nagpur

```
select CNAME from customer where CITY="NAGPUR";
```



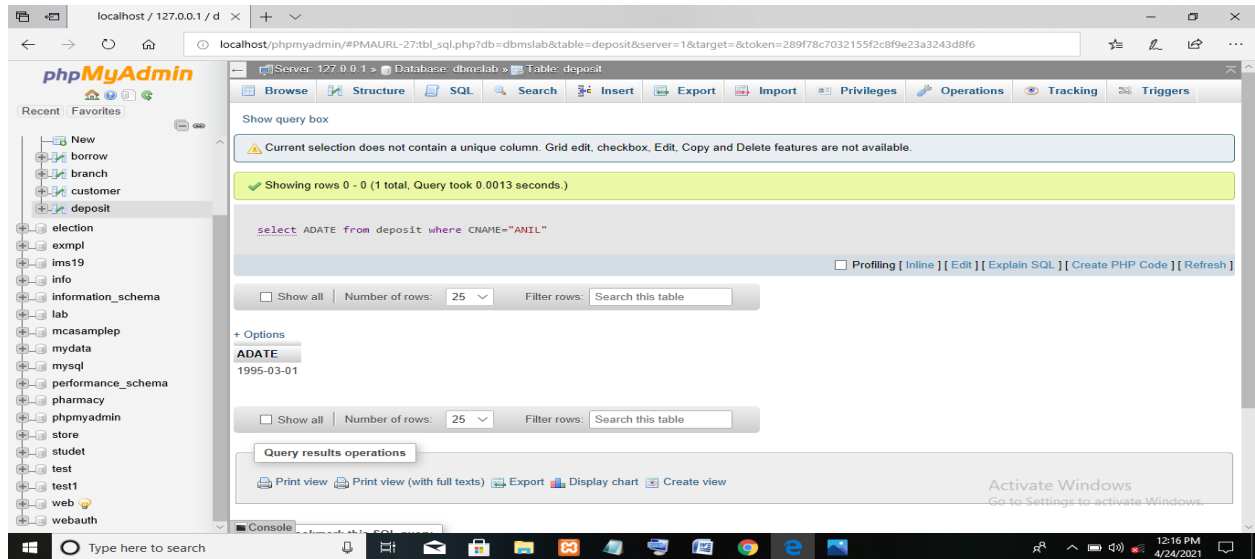
11. Give name of the depositor having amount greater than 4000

`select CNAME from deposit where AMOUNT>4000;`



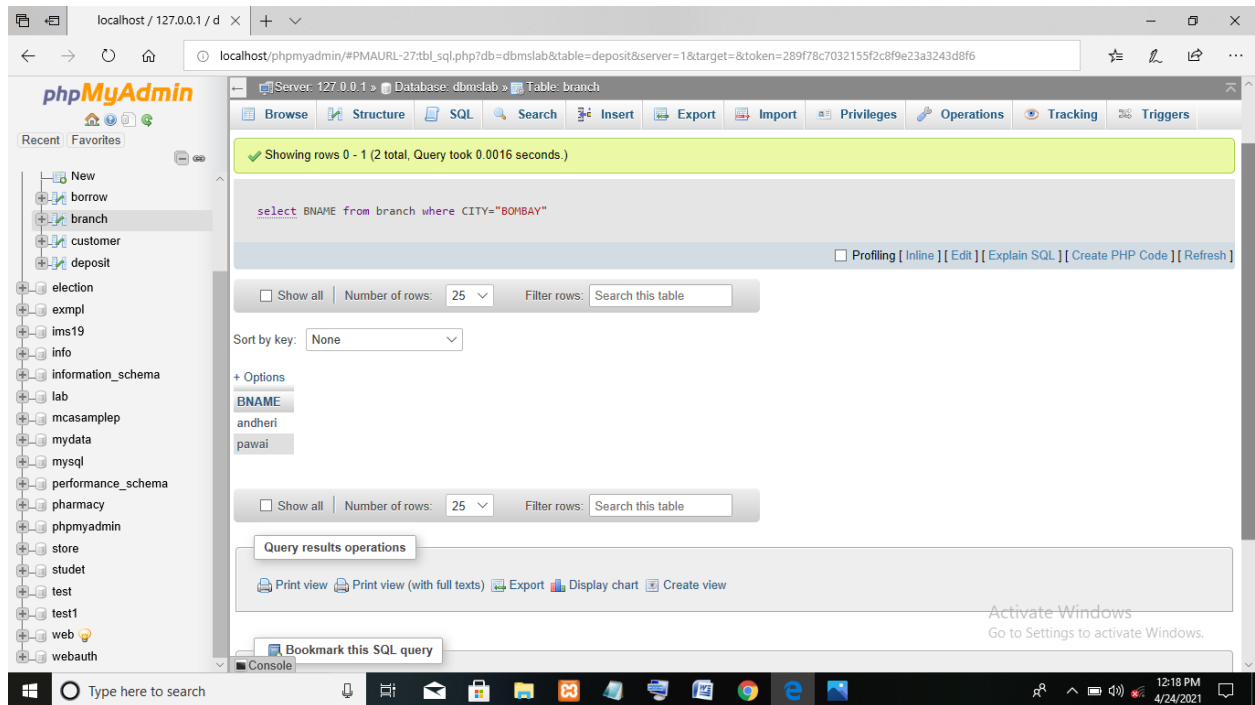
12. Give account date of anil

`select ADATE from deposit where CNAME="ANIL";`



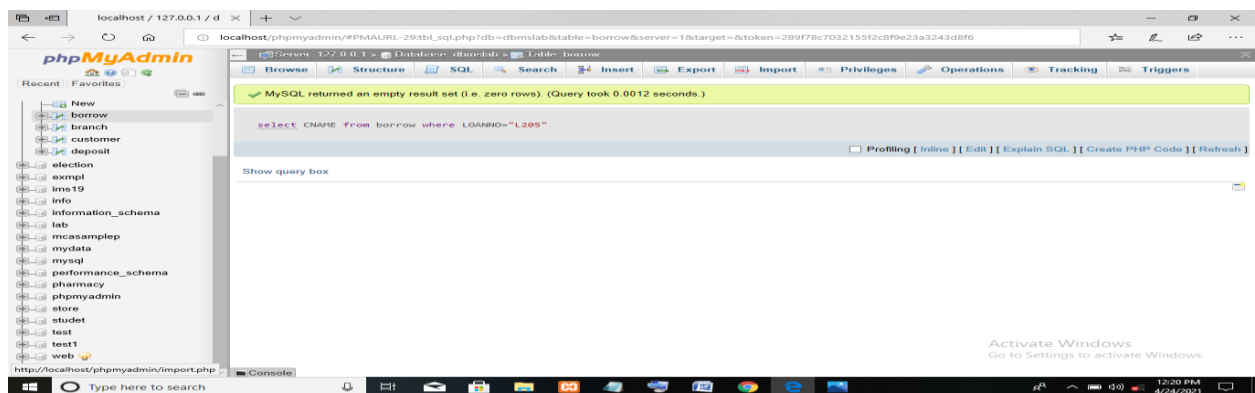
13. Give name of all branches located in Bombay

`select BNAME from branch where CITY="BOMBAY";`



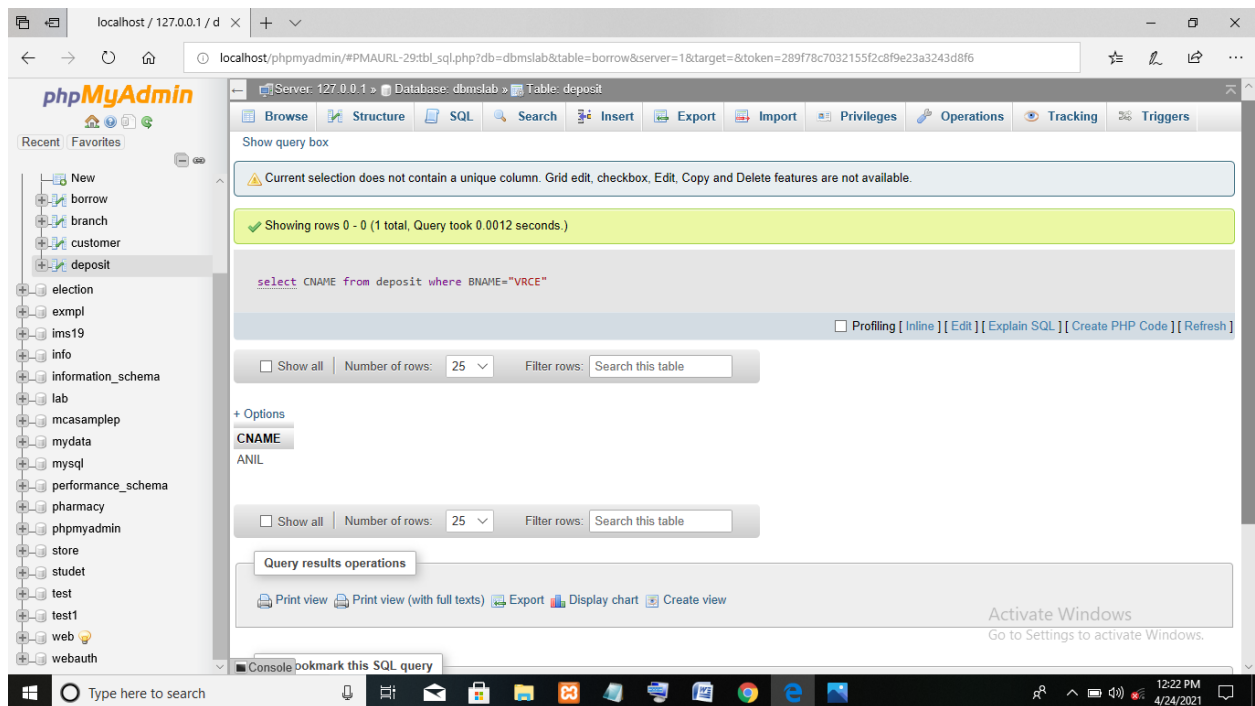
14. Give name of the borrower having loan number L205

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



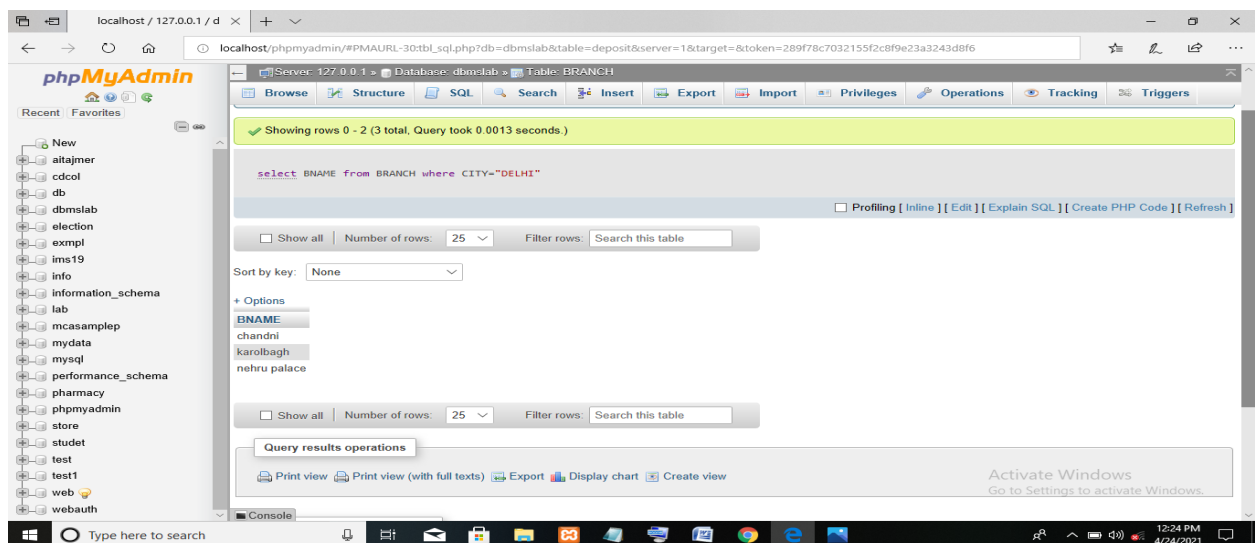
15. Gives name of the depositor have account at VRCE

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



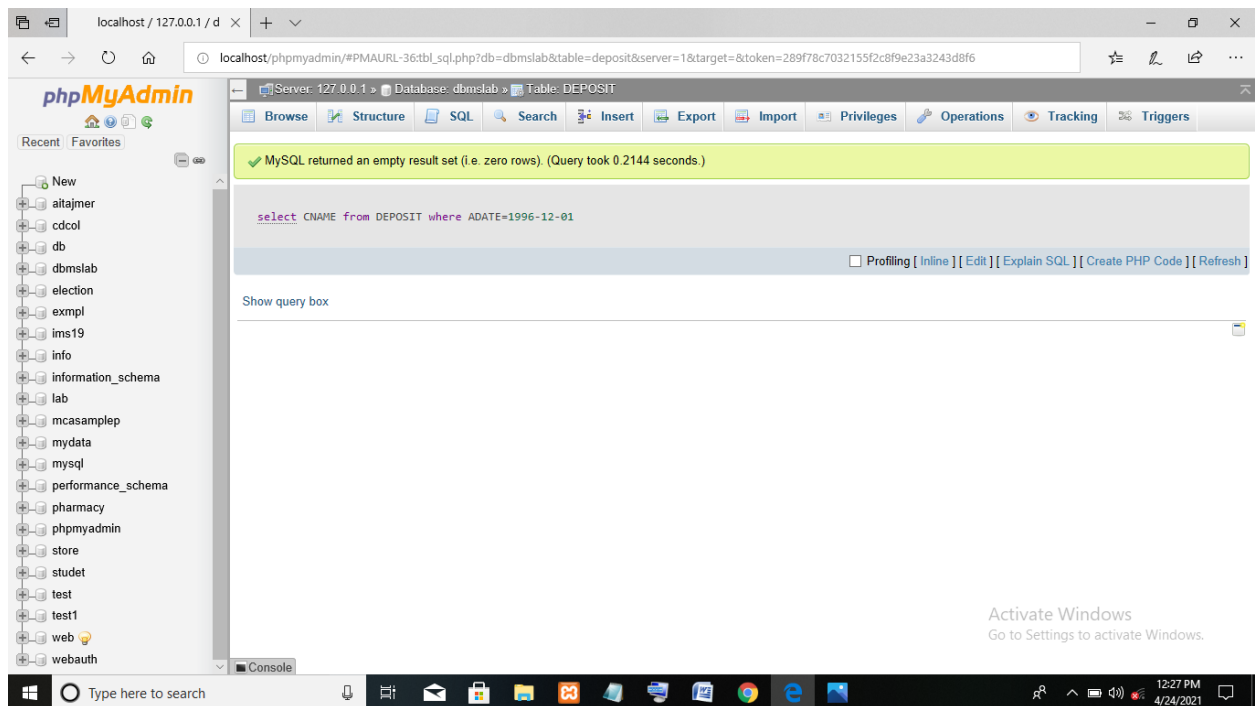
16. Give names of all branched located in city delhi

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



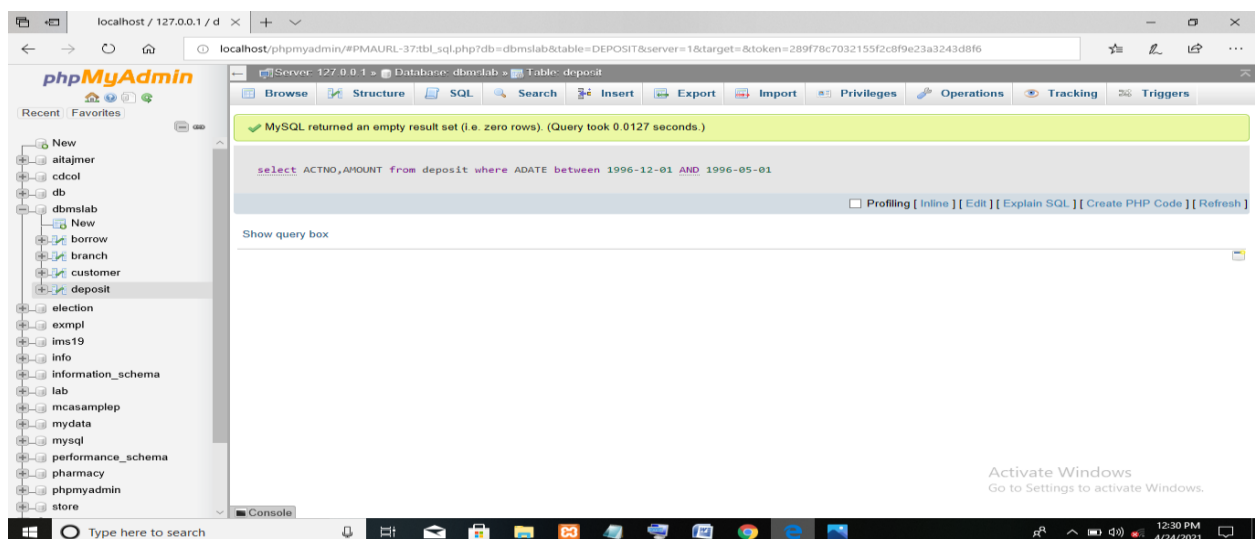
17. Give name of the customer who opened account date '01/12/96'

`select CNAME from DEPOSIT where ADATE=1996-12-01;`



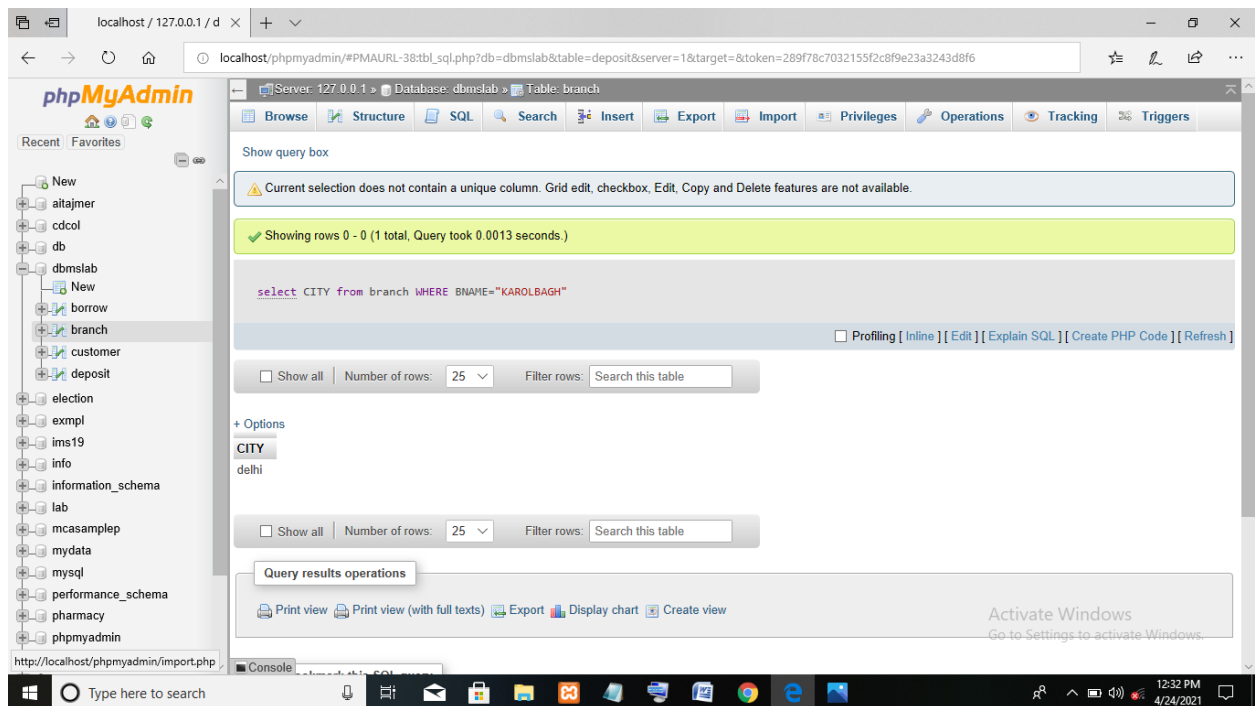
18. Give account no and deposit amount of customers having account opened by date between 1/12/96 and 1/5/96

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



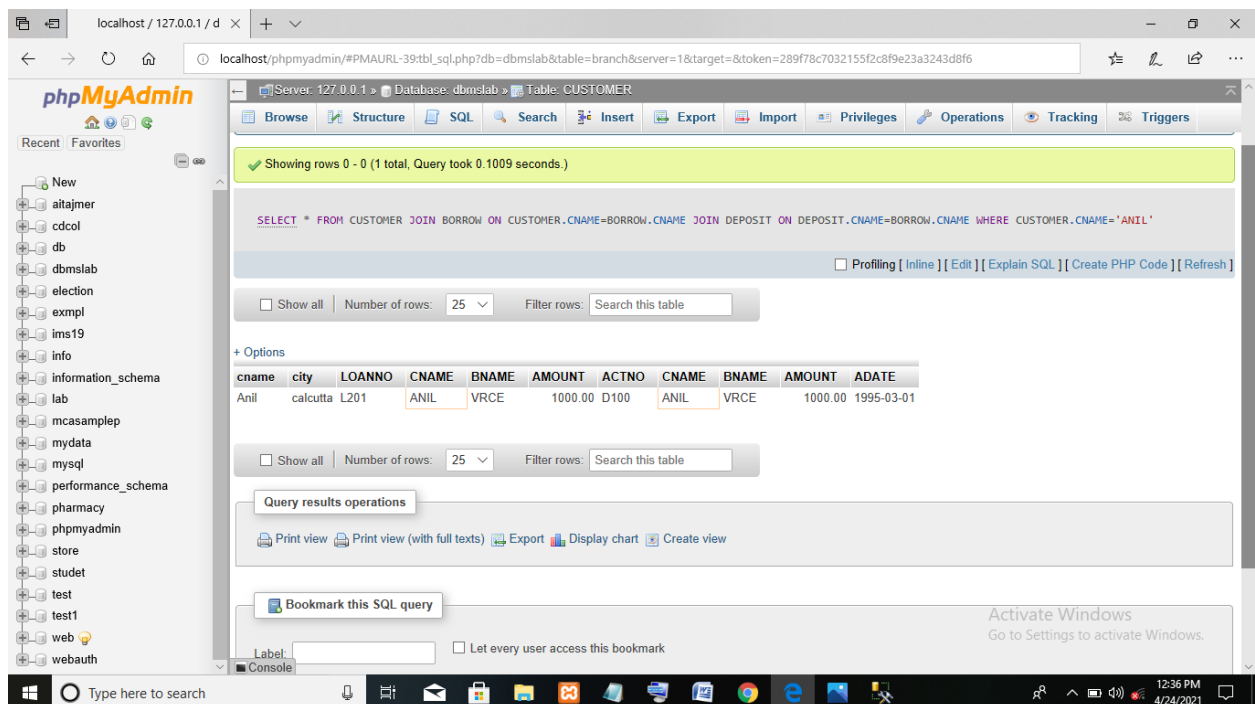
19. Give name of the city where branch karolbagh is located.

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



20. Give details of customer anil

`SELECT * FROM CUSTOMER JOIN BORROW ON CUSTOMER.CNAME=BORROW.CNAME JOIN DEPOSIT ON DEPOSIT.CNAME=BORROW.CNAME WHERE CUSTOMER.CNAME='ANIL';`



Experiment 3: DDI commands

1. Create table emp with values

```
CREATE TABLE EMP (EMPNO INT(4) PRIMARY KEY, ENAME CHAR(10), HIREDATE DATE,  
SALARY INT(5), COMMISSION INT(5));  
INSERT INTO EMP (EMPNO, ENAME, HIREDATE, SALARY) VALUES (101, 'RAMESH', '1980-01-  
17', 5000);  
INSERT INTO EMP (EMPNO, ENAME, HIREDATE, SALARY, COMMISSION)  
VALUES (102, 'AJAY', '1985-07-05', 5000, 500);  
INSERT INTO EMP (EMPNO, ENAME, HIREDATE, SALARY) VALUES (103, 'RAVI', '1981-08-  
12', 1500);  
INSERT INTO EMP (EMPNO, ENAME, HIREDATE, SALARY, COMMISSION)  
VALUES (104, 'NIKESH', '1983-03-03', 3000, 700);  
INSERT INTO EMP (EMPNO, ENAME, HIREDATE, SALARY) VALUES (105, 'RAVI', '1985-07-  
05', 3000);  
SELECT * FROM EMP;
```

The screenshot shows the phpMyAdmin interface for a database named 'dbmslab'. The 'EMP' table is selected, and its structure and data are displayed. The table has five columns: EMPNO, ENAME, HIREDATE, SALARY, and COMMISSION. The data is as follows:

EMPNO	ENAME	HIREDATE	SALARY	COMMISSION
101	RAMESH	1980-01-17	5000	NULL
102	AJAY	1985-07-05	5000	500
103	RAVI	1981-08-12	1500	NULL
104	NIKESH	1983-03-03	3000	700
105	RAVI	1985-07-05	3000	NULL

2. Modify the structure of table

a. Add new columns: sal number(7,2)

```
ALTER TABLE EMP ADD SAL INT(7,2);
```

localhost / 127.0.0.1 / d x + -

localhost/phpmyadmin/#PMAURL=43:db_sql.php?db=dbmslab&table=&server=1&target=&token=289f78c7032155f2c8f9e23a3243d8f6

phpMyAdmin

Recent Favorites

db
dbmslab
New
borrow
branch
customer
deposit
emp
election
exmpl
ims19
info
information_schema
lab
mcasamplep
mydata
mysql
performance_schema
pharmacy
phpmyadmin
store
studet
test

Server: 127.0.0.1 Database: dbmslab Table: emp

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 4 (5 total, Query took 0.0015 seconds.)

SELECT * from emp

Profiling [Inline] [Edit] [Explain SQL] [Create PHP Code] [Refresh]

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

Sort by key: None

+ Options

	EMPNO	ENAME	HIREDATE	SALARY	COMMISSION	SAL
<input type="checkbox"/> Edit Copy Delete	101	RAMESH	1980-01-17	5000	NULL	NULL
<input type="checkbox"/> Edit Copy Delete	102	AJAY	1985-07-05	5000	500	NULL
<input type="checkbox"/> Edit Copy Delete	103	RAVI	1981-08-12	1500	NULL	NULL
<input type="checkbox"/> Edit Copy Delete	104	NIKESH	1983-03-03	3000	700	NULL
<input type="checkbox"/> Edit Copy Delete	105	RAVI	1985-07-05	3000	NULL	NULL

Check All With selected: Change Delete Export

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

Query results operations

Console

Activate Windows
Go to Settings to activate Windows.

Type here to search

12:44 PM
4/24/2021

b. Dropping a column from a table: sal

```
ALTER TABLE EMP DROP COLUMN SAL;
```

The screenshot shows the phpMyAdmin interface for the 'dbmslab' database. The 'emp' table is selected, and the 'Structure' tab is active. The table structure is displayed as follows:

EMPNO	ENAME	HIREDATE	SALARY	COMMISSION
101	RAMESH	1980-01-17	5000	NULL
102	AJAY	1985-07-05	5000	500
103	RAVI	1981-08-12	1500	NULL
104	NIKESH	1983-03-03	3000	700
105	RAVI	1985-07-05	3000	NULL

The interface also shows a 'Query results operations' section with options like 'Print view', 'Print view (with full texts)', 'Export', 'Display chart', and 'Create view'. The 'Bookmark this SQL query' button is also visible.

c. Modify existing column: ename varchar(15)

```
ALTER TABLE EMP MODIFY ENAME VARCHAR(15);
```

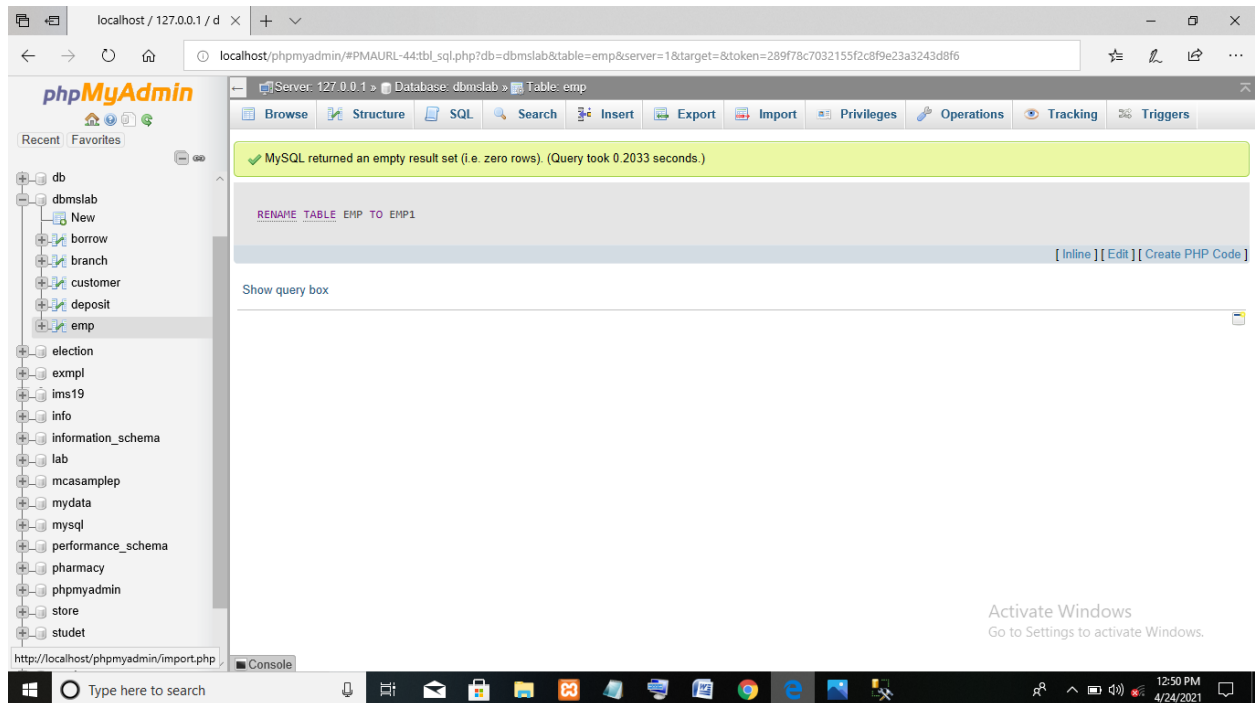
The screenshot shows the phpMyAdmin interface for the 'dbmslab' database. The 'emp' table is selected, and the 'Structure' tab is active. The table structure is displayed as follows:

EMPNO	ENAME	HIREDATE	SALARY	COMMISSION
101	RAMESH	1980-01-17	5000	NULL
102	AJAY	1985-07-05	5000	500
103	RAVI	1981-08-12	1500	NULL
104	NIKESH	1983-03-03	3000	700
105	RAVI	1985-07-05	3000	NULL

The interface also shows a 'Query results operations' section with options like 'Print view', 'Print view (with full texts)', 'Export', 'Display chart', and 'Create view'. The 'Bookmark this SQL query' button is also visible.

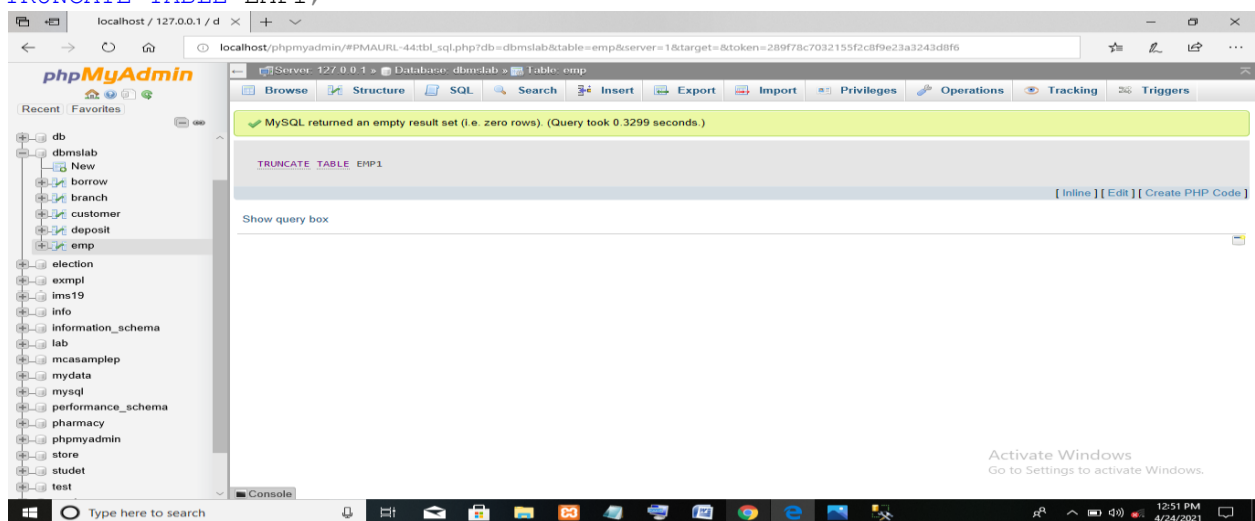
d. Renaming the table :emp to emp1

```
RENAME TABLE EMP TO EMP1;
```



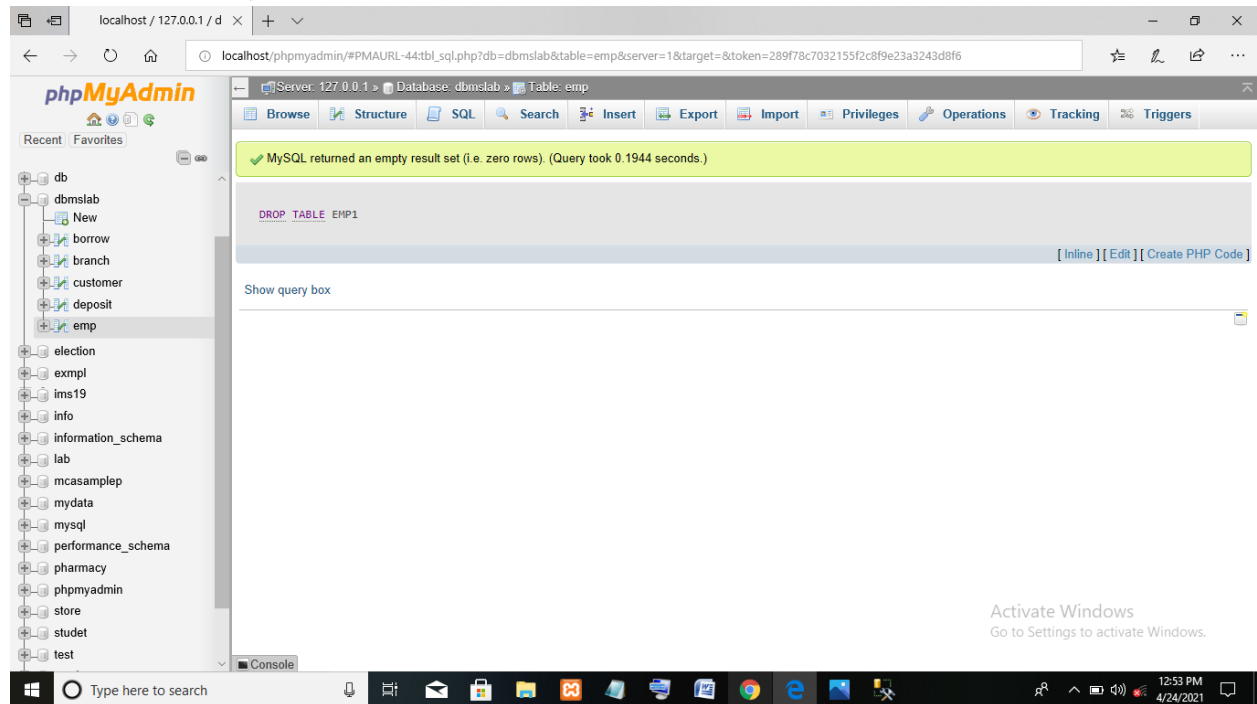
e. truncate the table

```
TRUNCATE TABLE EMP1;
```



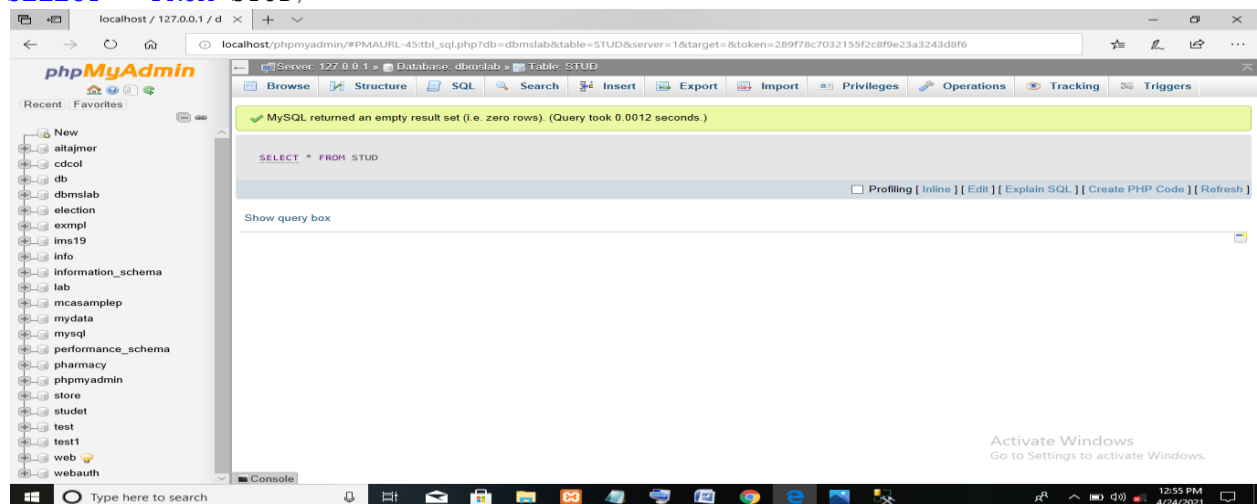
f. Destroy the table

```
DROP TABLE EMP1;
```



3. create table stud

```
CREATE TABLE STUD (SNAME VARCHAR(20) PRIMARY KEY, ROLLNO INT NOT NULL, DOB  
DATE NOT NULL);  
SELECT * FROM STUD;
```



4.create table student

```
CREATE TABLE STUDENT (REGNO INT, MARK INT(3) CONSTRAINT B CHECK (MARK >=0 AND  
MARK <=100));  
SELECT * FROM STUDENT;
```

5.create table cust

```
CREATE TABLE CUST (CUSTID NUMBER(6) UNIQUE, NAME CHAR(10));
```