

SUJITH RAMAN S

EXPERIMENT NO.8 : 24/05/2021

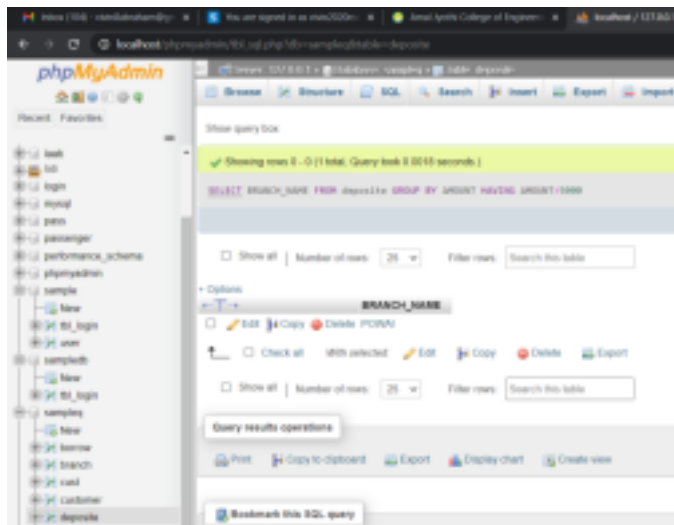
GROUP BY AND HAVING

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

QUERY

```
SELECT BRANCH_NAME FROM deposit GROUP BY AMOUNT HAVING  
AMOUNT>5000
```

OUTPUT

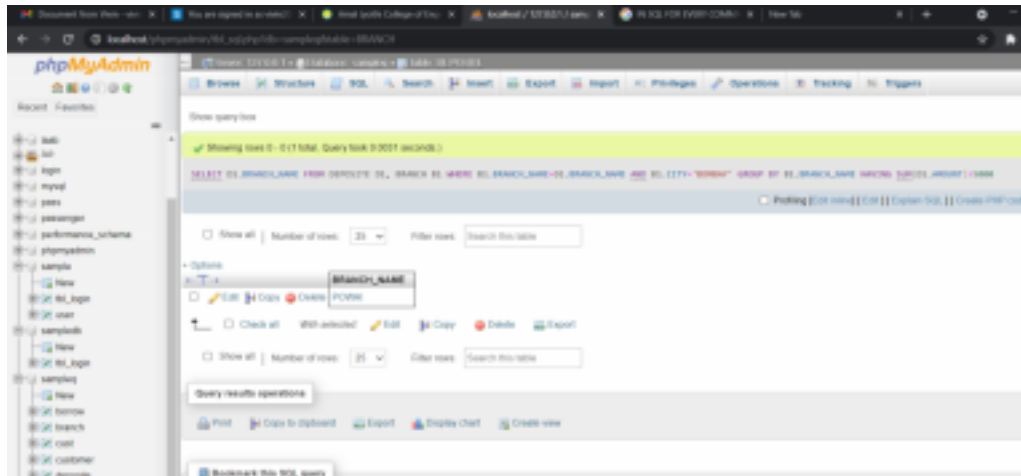


2. List the branches having sum of deposit more than 5000 and located in city BOMBAY

QUERY

```
SELECT D1.BRANCH NAME FROM DEPOSITE D1, BRANCH B1 WHERE  
B1.BRANCH NAME=D1.BRANCH NAME AND B1.CITY='BOMBAY' GROUP BY  
B1.BRANCH_NAME HAVING SUM(D1.AMOUNT) >5000
```

OUTPUT

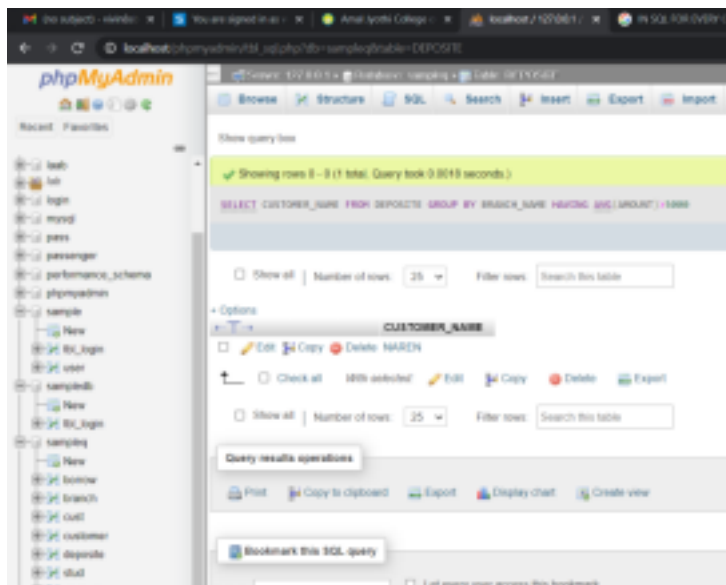


3. List the names of customers having deposited in the branches where the average deposit is more than 5000.

QUERY

```
SELECT CUSTOMER_NAME FROM DEPOSITE GROUP BY BRANCH_NAME HAVING
AVG(AMOUNT) > 5000
```

OUTPUT

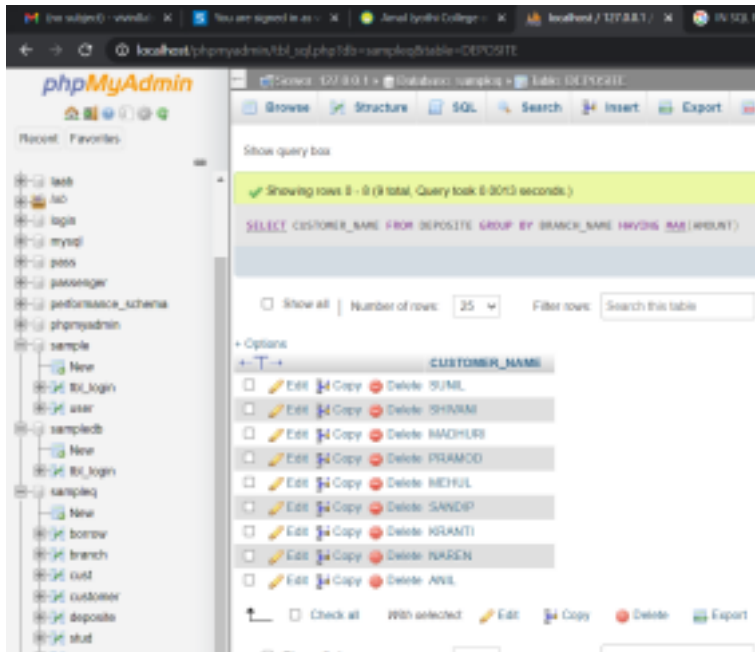


4. List the names of customers having maximum deposit

QUERY

```
SELECT CUSTOMER_NAME FROM DEPOSITE GROUP BY BRANCH_NAME HAVING
MAX(AMOUNT)
```

OUTPUT

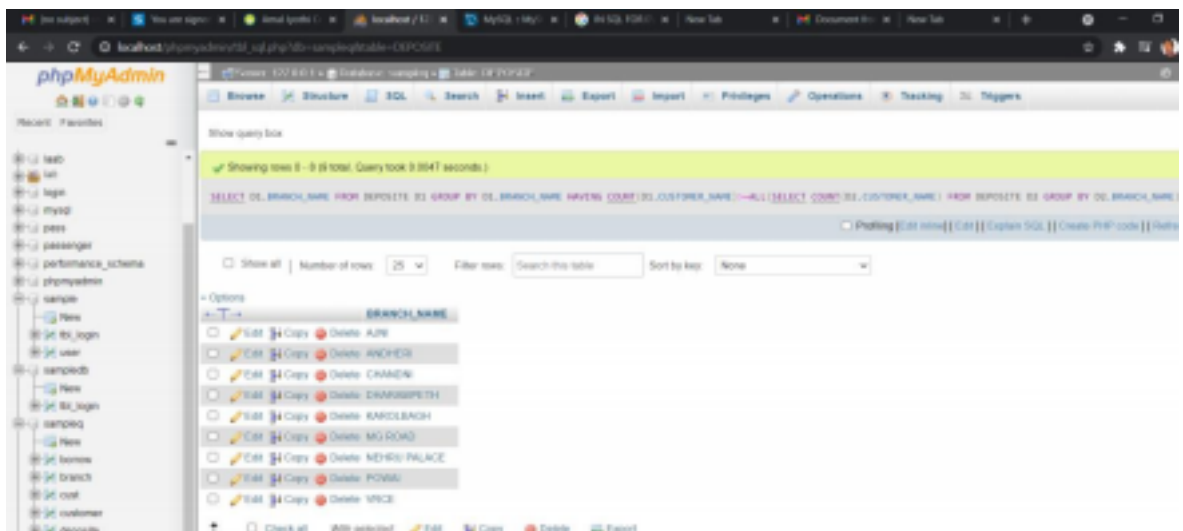


5. List the name of branch having highest number of depositors?

QUERY

```
SELECT D1.BRANCH NAME FROM DEPOSITE D1 GROUP BY D1.BRANCH NAME
HAVING COUNT(D1.CUSTOMER NAME) >= ALL (SELECT COUNT(D2.CUSTOMER_NAME)
FROM DEPO SITE D2 GROUP BY D2.BRANCH_NAME)
```

OUTPUT

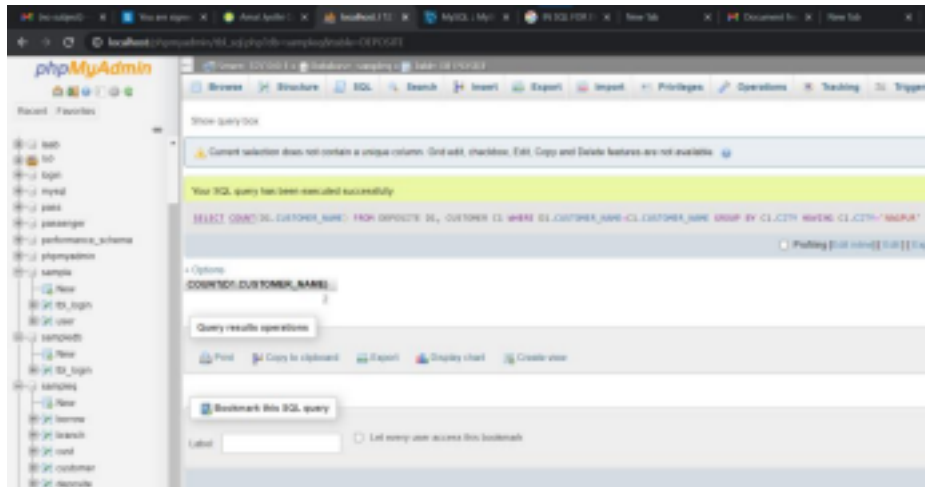


6. Count the number of depositors living in NAGPUR.

QUERY

```
SELECT COUNT(D1.CUSTOMER NAME) FROM DEPOSITE D1, CUSTOMER C1
WHERE D1.CUSTOMER_NAME=C1.CUSTOMER_NAME GROUP BY C1.CITY HAVING
C1.CITY=' NAGPUR'
```

OUTPUT

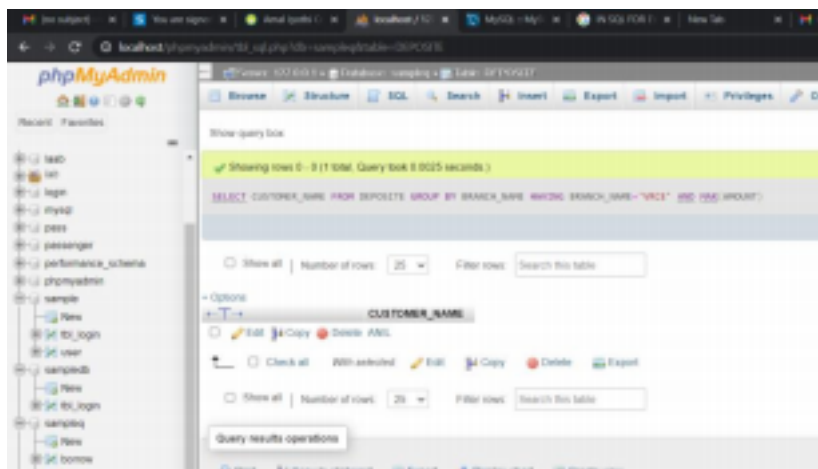


7. Give names of customers in VRCE branch having more deposits than any other customer in same branch

QUERY

```
SELECT CUSTOMER NAME FROM DEPOSITE GROUP BY BRANCH_NAME HAVING
BRANCH_NAME='VRCE' AND MAX(AMOUNT)
```

OUTPUT

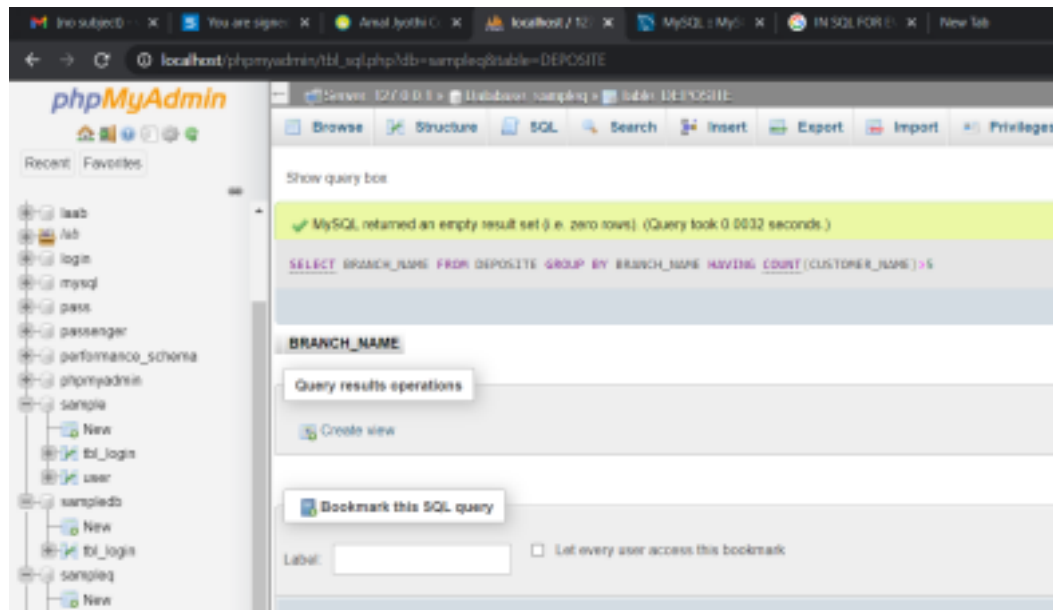


8. Give the names of branch where number of depositors is more than 5

QUERY

```
SELECT BRANCH NAME FROM DEPOSITE GROUP BY BRANCH_NAME HAVING
COUNT(CUSTOMER_NAME) > 5
```

OUTPUT

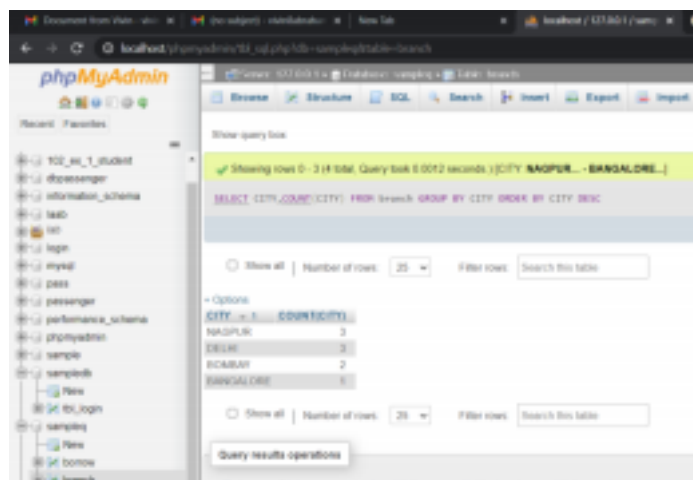


9. Give the names of cities in which the maximum number of branches are located

QUERY

```
SELECT CITY, COUNT(CITY) FROM branch GROUP BY CITY ORDER BY CITY
```

DESC OUTPUT



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

QUERY

```
SELECT B1.CITY, COUNT(D1.CUSTOMER NAME) FROM branch B1, deposit D1, customer C1 WHERE B1.CITY=C1.CITY AND C1.CUSTOMER NAME=D1.CUSTOMER NAME AND B1.BRANCH_NAME=D1.BRANCH_NAME GROUP BY CITY
```

OUTPUT

phpMyAdmin

Recent Favorites

- 102_ex_1_student
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- information_schema
- test
- test
- login
- mysql
- pass
- passenger
- performance_schema
- phpmyadmin
- sample
- sampledb
- New
- test_login
- sample
- New
- test

Server: localhost | 5.7.33 | 2024-01-10 10:10:10

Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Show query box

Showing rows 0 - 1 (1 total) - Query took 0.0026 seconds

```
SELECT B1.CITY, COUNT(C1.CUSTOMER_NAME) FROM branch B1, deposits D1, customers C1 WHERE B1.CITY=C1.CITY AND C1.CUSTOMER_NAME=D1.CUSTOMER_NAME AND B1.BRANCH_NAME=D1.BRANCH_NAME GROUP BY CITY
```

Profiling [2.65 rows] [1.26] [1] Explain SQL [1] Create PHP code [1] Refresh

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

Options

CITY	COUNT(C1.CUSTOMER_NAME)
BONAFAY	2
NOGORDA	1

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

Query results operations

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