**Experiment 7**

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

SELECT BNAME, SUM(AMOUNT) AS TOTAL\_DEPOSIT FROM DEPOSIT INNER JOIN BRANCH ON DEPOSIT.BNAME = BRANCH.BNAME GROUP BY DEPOSIT.BNAME HAVING SUM(AMOUNT) > 5000;

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

SELECT BNAME, SUM(AMOUNT) AS TOTAL\_DEPOSIT FROM DEPOSIT INNER JOIN BRANCH ON DEPOSIT.BNAME = BRANCH.BNAME WHERE BRANCH.CITY = 'BOMBAY' GROUP BY DEPOSIT.BNAME HAVING SUM(AMOUNT) > 500;

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

SELECT DISTINCT CNAME FROM DEPOSIT INNER JOIN BRANCH ON DEPOSIT.BNAME = BRANCH.BNAME WHERE BRANCH.BNAME IN (SELECT BNAME FROM DEPOSIT INNER JOIN BRANCH ON DEPOSIT.BNAME = BRANCH.BNAME GROUP BY DEPOSIT.BNAME HAVING AVG(AMOUNT) > 5000)

1. List the names of customers having maximum deposit

SELECT CNAME FROM DEPOSIT WHERE AMOUNT = (SELECT MAX(AMOUNT) FROM DEPOSIT)

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

SELECT BNAME FROM (SELECT BNAME, COUNT(DISTINCT CNAME) AS NUM\_DEPOSITORS FROM DEPOSIT GROUP BY BNAME) AS DEPOSITORS\_BY\_BRANCH ORDER BY NUM\_DEPOSITORS DESCLIMIT 1;

1. Count the number of depositors living in NAGPUR.

SELECT COUNT(DISTINCT CNAME) FROM DEPOSIT INNER JOIN CUSTOMER ON DEPOSIT.CNAME = CUSTOMER.CNAME WHERE CUSTOMER.CITY = 'NAGPUR';

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

SELECT DEPOSIT.CNAME FROM DEPOSIT INNER JOIN BRANCH ON DEPOSIT.BNAME = BRANCH.BNAME WHERE DEPOSIT.BNAME = 'VRCE' AND DEPOSIT.AMOUNT = (SELECT MAX(AMOUNT) FROM DEPOSIT WHERE DEPOSIT.BNAME = 'VRCE')

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

SELECT BNAME FROM (SELECT BNAME, COUNT(DISTINCT CNAME) AS NUM\_DEPOSITORS FROM DEPOSIT GROUP BY BNAME) AS DEPOSITORS\_BY\_BRANCH WHERE NUM\_DEPOSITORS > 5;

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

SELECT CITY FROM (SELECT CITY, COUNT(\*) AS NUM\_BRANCHES FROM BRANCH GROUP BY CITY) AS BRANCHES\_BY\_CITY WHERE NUM\_BRANCHES = (SELECT MAX(NUM\_BRANCHES) FROM (SELECT CITY, COUNT(\*) AS NUM\_BRANCHES

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

SELECT COUNT(DISTINCT CNAME) FROM CUSTOMER INNER JOIN DEPOSIT ON CUSTOMER.CNAME = DEPOSIT.CNAME INNER JOIN BRANCH ON DEPOSIT.BNAME = BRANCH.BNAME WHERE BRANCH.CITY = CUSTOMER.CITY