

**ADVANCED DATABASE MANAGEMENT SYSTEM LAB****Name: LIBIYA JOSE****Roll No:14****Batch: MCA REGULAR****Date: 8/04/2022****Experiment No.: 2****Aim**

To familiarize with selecting data from single table



**Question**




1. List all data from table deposit
2. List all data from borrow
3. List all data from customer
4. List all data from branch
5. Give account no and amount of deposit
6. Give customer name and account no of depositors
7. Give name of customers
8. Give name of branches
9. Give name of borrows
10. Give names of customer living in city Nagpur
11. Give names of depositors having amount greater than 4000
12. Give account date of Anil
13. Give name of all branches located in Bombay
14. Give name of borrower having loan number 1205
15. Give names of depositors having account at VRCE
16. Give names of all branched located in city Delhi
17. Give name of the customers who opened account date '1-12-96'
18. Give account no and deposit amount of customers having account opened between dates '1-12-96' and '1-5-96'
19. Give name of the city where branch KAROLBAGH is located
20. Give details of customer ANIL

## Procedure & Output

1. SELECT \* FROM bank. deposit;

Result Grid

  Filter Rows:

Edit:   

|  | ACTNO | CNAME   | BNAME       | AMOUNT | ADATE      |
|--|-------|---------|-------------|--------|------------|
|  | D100  | ANIL    | VRCE        | 1000   | 1995-03-01 |
|  | D101  | SUNIL   | ANJNI       | 500    | 1996-01-04 |
|  | D102  | MEHUL   | KAROLBAGH   | 3500   | 1995-11-17 |
|  | D104  | MADHURI | CHANDNI     | 1200   | 1995-12-17 |
|  | D105  | PRAMOD  | MG ROAD     | 3000   | 1996-03-27 |
|  | D106  | SANDIP  | ANDHERI     | 2000   | 1996-03-31 |
|  | D107  | SHIVANI | VIRAR       | 1000   | 1995-09-05 |
|  | D108  | KRANTI  | NEHRU PLACE | 5000   | 1995-07-02 |
|  | D109  | MINU    | POWAI       | 7000   | 1995-08-10 |

2. SELECT \* FROM bank. BORROW;



Result Grid

Filter Rows:

Edit:

|  | LOANNO | CNAME   | BNAME       | AMOUNT |
|--|--------|---------|-------------|--------|
|  | L201   | ANIL    | VRCE        | 1000   |
|  | L206   | MEHUL   | AJNI        | 5000   |
|  | L311   | SUNIL   | DHARAMPETH  | 3000   |
|  | L321   | MADHURI | ANDHERI     | 2000   |
|  | L371   | PRAMOD  | VIRAR       | 8000   |
|  | L481   | KRANTI  | NEHRU PLACE | 3000   |
|  | NULL   | NULL    | NULL        | NULL   |

3. SELECT \* FROM bank. CUSTOMER;

|             |         |   |  |  |      |
|-------------|---------|---|--|--|------|
| Result Grid |         |  |  Filter Rows: |  | Edit |
|             | CNAME   | CITY  |  |  |      |
| ▶           | ANIL    | CALCUTTA  |  |  |      |
|             | KRANTI  | BOMBAY  |  |  |      |
|             | MADHURI | NAGPUR  |  |  |      |
|             | MANDAR  | PATNA   |  |  |      |
|             | MEHUL   | BARODA  |  |  |      |
|             | NAREN   | BOMBAY  |  |  |      |
|             | PRAMOD  | NAGPUR  |  |  |      |
|             | SANDIP  | SURAT   |  |  |      |
|             | SHIVANI | BOMBAY  |  |  |      |
|             | SUNIL   | DELHI   |  |  |      |
| ✱           | NULL    | NULL  |  |  |      |

4. SELECT \* FROM bank. BRANCH;

| Result Grid |            |        | Filter Rows: |
|-------------|------------|--------|--------------|
|             | BNAME      | CITY   |              |
| ▶           | AJNI       | NAGPUR |              |
|             | CHANDNI    | DELHI  |              |
|             | DHARAMPETH | NAGPUR |              |
|             | KAROLBAGH  | DELHI  |              |
|             | VRCE       | NAGPUR |              |
| *           | NULL       | NULL   |              |

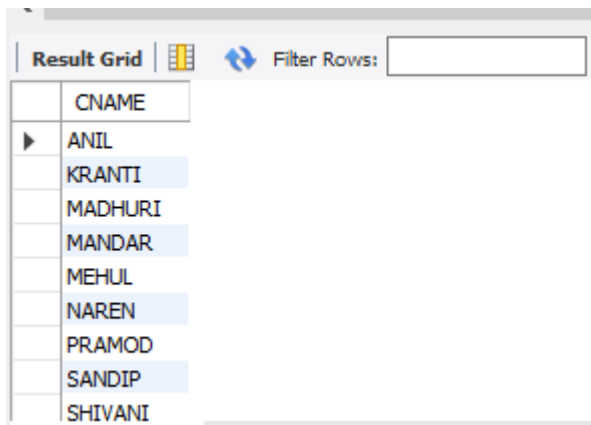
5. SELECT ACTNO,AMOUNT FROM DEPOSIT;

| Result Grid |       |        | Filter Rows: |
|-------------|-------|--------|--------------|
|             | ACTNO | AMOUNT |              |
| ▶           | D100  | 1000   |              |
|             | D101  | 500    |              |
|             | D102  | 3500   |              |
|             | D104  | 1200   |              |
|             | D105  | 3000   |              |
|             | D106  | 2000   |              |
|             | D107  | 1000   |              |
|             | D108  | 5000   |              |
|             | D109  | 7000   |              |

6. SELECT CNAME,ACTNO FROM DEPOSIT;

| Result Grid |         |       | Filter Rows: |
|-------------|---------|-------|--------------|
|             | CNAME   | ACTNO |              |
| ▶           | ANIL    | D100  |              |
|             | SUNIL   | D101  |              |
|             | MEHUL   | D102  |              |
|             | MADHURI | D104  |              |
|             | PRAMOD  | D105  |              |
|             | SANDIP  | D106  |              |
|             | SHIVANI | D107  |              |
|             | KRANTI  | D108  |              |
|             | MINU    | D109  |              |

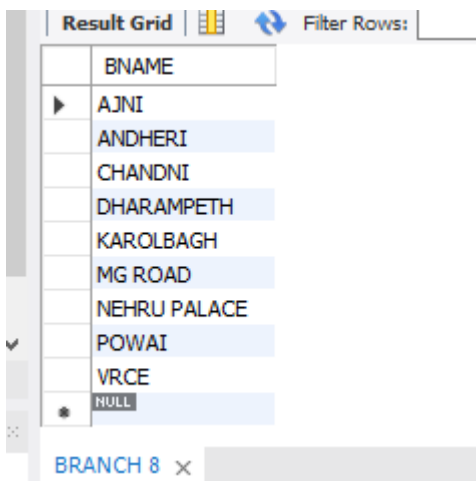
7. SELECT CNAME FROM CUSTOMER;



The screenshot shows a 'Result Grid' window with a 'Filter Rows' input field. The table has one column, 'CNAME', and ten rows of customer names. The first row is highlighted with a mouse cursor.

| CNAME   |
|---------|
| ANIL    |
| KRANTI  |
| MADHURI |
| MANDAR  |
| MEHUL   |
| NAREN   |
| PRAMOD  |
| SANDIP  |
| SHIVANI |

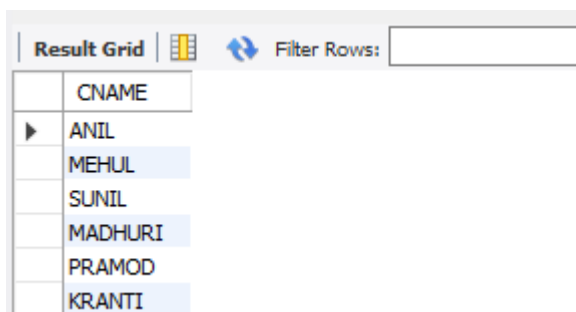
8. SELECT BNAME FROM BRANCH;



The screenshot shows a 'Result Grid' window with a 'Filter Rows' input field. The table has one column, 'BNAME', and ten rows of branch names. The first row is highlighted with a mouse cursor. A tab labeled 'BRANCH 8' is visible at the bottom.

| BNAME        |
|--------------|
| AJNI         |
| ANDHERI      |
| CHANDNI      |
| DHARAMPETH   |
| KAROLBAGH    |
| MG ROAD      |
| NEHRU PALACE |
| POWAI        |
| VRCE         |
| NULL         |

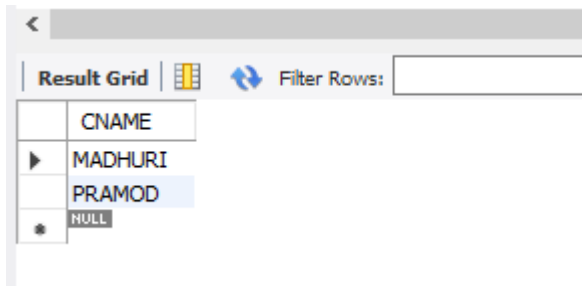
9. SELECT CNAME FROM BORROW;



The screenshot shows a 'Result Grid' window with a 'Filter Rows' input field. The table has one column, 'CNAME', and six rows of borrower names. The first row is highlighted with a mouse cursor.

| CNAME   |
|---------|
| ANIL    |
| MEHUL   |
| SUNIL   |
| MADHURI |
| PRAMOD  |
| KRANTI  |

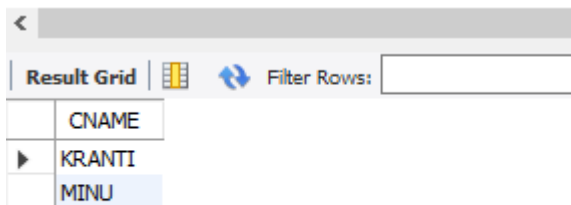
10. SELECT CNAME FROM CUSTOMERS WHERE CITY="NAGPUR";



The screenshot shows a database query result grid. The header row is labeled 'CNAME'. There are three data rows: 'MADHURI', 'PRAMOD', and 'NULL'. The 'PRAMOD' row is highlighted in blue. The interface includes a 'Result Grid' tab, a 'Filter Rows' input field, and a 'Filter' button.

| CNAME   |
|---------|
| MADHURI |
| PRAMOD  |
| NULL    |

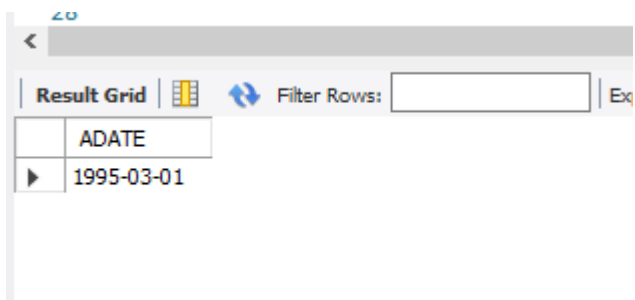
11. SELECT CNAME FROM DEPOSIT WHERE AMOUNT>4000;



The screenshot shows a database query result grid. The header row is labeled 'CNAME'. There are two data rows: 'KRANTI' and 'MINU'. The 'MINU' row is highlighted in blue. The interface includes a 'Result Grid' tab, a 'Filter Rows' input field, and a 'Filter' button.

| CNAME  |
|--------|
| KRANTI |
| MINU   |

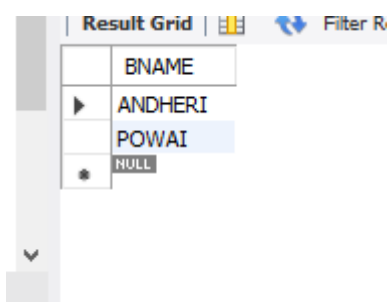
12. SELECT ADATE FROM DEPOSIT WHERE CNAME="ANIL";



The screenshot shows a database query result grid. The header row is labeled 'ADATE'. There is one data row: '1995-03-01'. The interface includes a 'Result Grid' tab, a 'Filter Rows' input field, and a 'Filter' button.

| ADATE      |
|------------|
| 1995-03-01 |

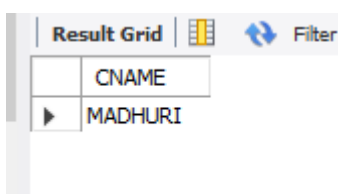
13. SELECT BNAME from BRANCH where CITY='Bombay';



The screenshot shows a database query result grid. The header row is labeled 'BNAME'. There are three data rows: 'ANDHERI', 'POWAI', and 'NULL'. The 'POWAI' row is highlighted in blue. The interface includes a 'Result Grid' tab, a 'Filter Rows' input field, and a 'Filter' button.

| BNAME   |
|---------|
| ANDHERI |
| POWAI   |
| NULL    |

14. SELECT CNAME from BORROW where LOANNO='L321';



The screenshot shows a database query result grid. The header row is labeled 'CNAME'. There is one data row: 'MADHURI'. The interface includes a 'Result Grid' tab, a 'Filter Rows' input field, and a 'Filter' button.

| CNAME   |
|---------|
| MADHURI |

15. SELECT CNAME from DEPOSIT WHERE BNAME='VRCE';

| Result Grid |       | Filter |
|-------------|-------|--------|
|             | CNAME |        |
| ▶           | ANIL  |        |

16. SELECT BNAME from BRANCH WHERE CITY='Delhi';

| Result Grid |              | Filter Row |
|-------------|--------------|------------|
|             | BNAME        |            |
| ▶           | CHANDNI      |            |
|             | KAROLBAGH    |            |
|             | NEHRU PALACE |            |
| *           | NULL         |            |

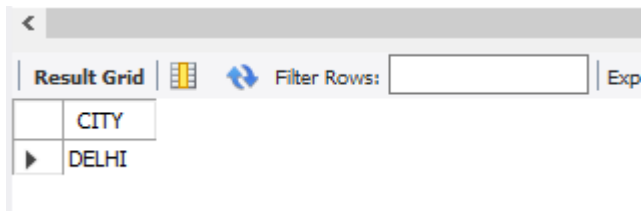
17. SELECT CNAME from DEPOSIT WHERE ADATE='27-MAR-96';

| Result Grid |        | Filter |
|-------------|--------|--------|
|             | CNAME  |        |
| ▶           | PRAMOD |        |

18. SELECT ACTNO,AMOUNT from DEPOSIT WHERE ADATE BETWEEN '17-DEC-1995' AND '27-MAR-1996';

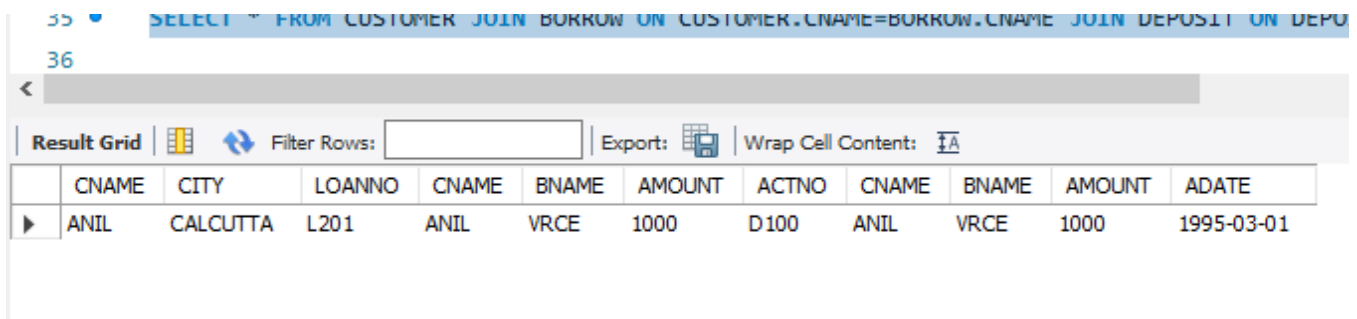
| Result Grid |       |        | Filter Row |
|-------------|-------|--------|------------|
|             | ACTNO | AMOUNT |            |
| ▶           | D102  | 3500   |            |
|             | D104  | 1200   |            |
|             | D108  | 5000   |            |
| *           | NULL  | NULL   |            |

19. SELECT CITY from BRANCH WHERE BNAME='KAROLBAGH';



| CITY  |
|-------|
| DELHI |

20. SELECT \* from CUSTOMERS join borrow on customers.cname=borrow.cname join deposit on deposit.cname=borrow.cname WHERE CUSTOMERS.cname='ANIL';



| CNAME | CITY     | LOANNO | CNAME | BNAME | AMOUNT | ACTNO | CNAME | BNAME | AMOUNT | ADATE      |
|-------|----------|--------|-------|-------|--------|-------|-------|-------|--------|------------|
| ANIL  | CALCUTTA | L201   | ANIL  | VRCE  | 1000   | D100  | ANIL  | VRCE  | 1000   | 1995-03-01 |