ADVANCED DATABASE MANAGEMENT LAB

Name: Abin Sunil

Roll No: 1

Batch: 2021-23

Date: 08-04-2022

Experiment No.: 2

AIM

To familiarize with selecting data from table

Question

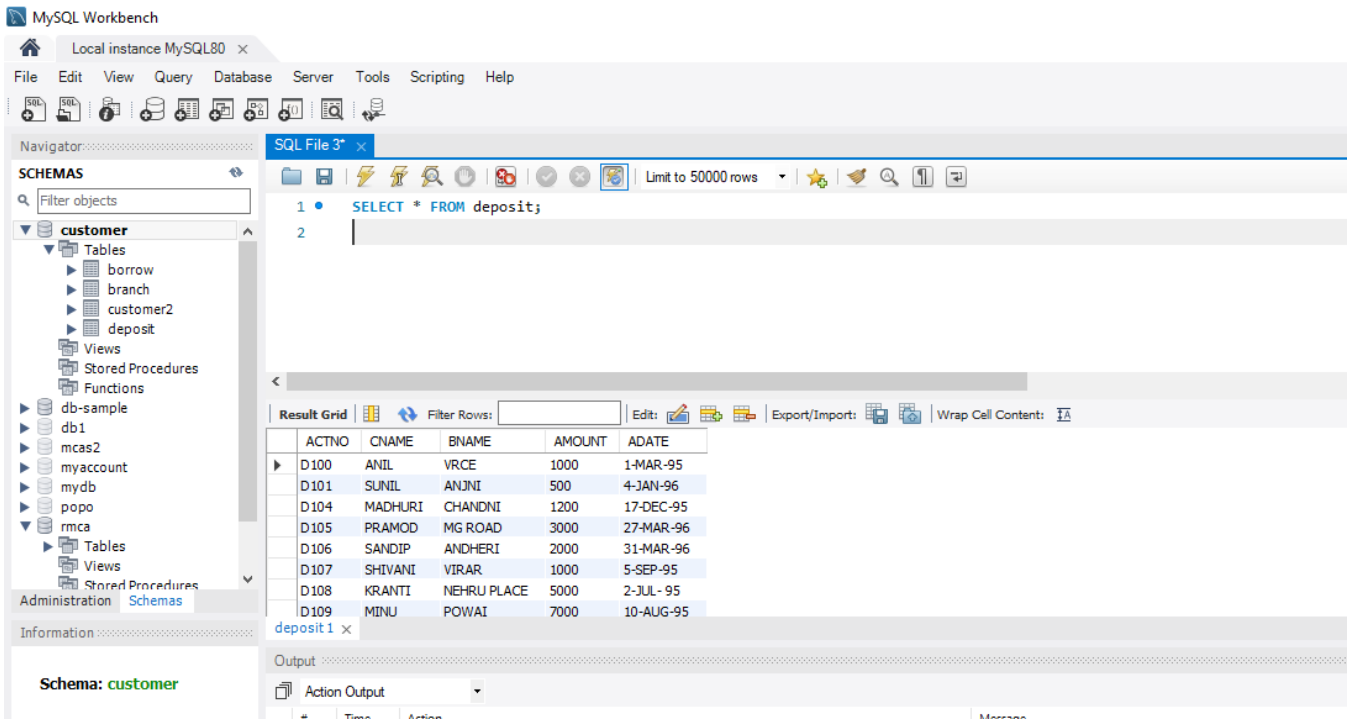
1. List all data from table deposite
2. List all data from borrow
3. List all data from customer
4. List all data from branch
5. Give account no and amount of deposite
6. Give customer name and account no of depositors
7. Give name of customers
8. Give name of branches
9. Give name of borrows
10. Give 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 l205
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

Commands

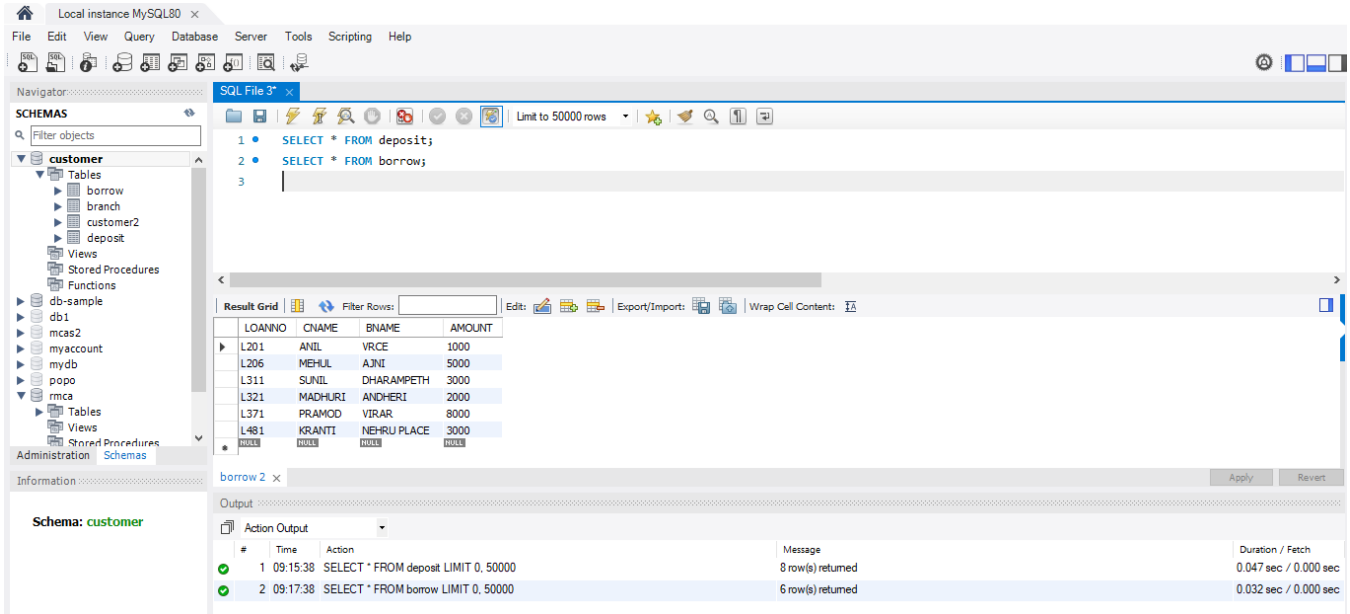
```
SELECT*FROM deposit;
SELECT*FROM borrow;
SELECT*FROM customer2;
SELECT*FROM branch;
SELECT ACTNO,AMOUNT FROM deposit;
SELECT CNAME,ACTNO FROM deposit;
SELECT CNAME FROM customer2;
SELECT BNAME FROM branch;
SELECT CNAME FROM borrow;
SELECT CNAME FROM  customer2 WHERE CITY='NAGPUR';
SELECT CNAME from  deposit where AMOUNT>4000;
SELECT ADATE FROM  deposit  where CNAME='ANIL';
SELECT BNAME from  branch where CITY='Bombay';
SELECT * from borrow;
SELECT CNAME from  borrow where LOANNO='L205';
SELECT CNAME from  deposit WHERE BNAME='VRCE';
SELECT BNAME from  branch WHERE CITY='Delhi';
SELECT CNAME from  deposit WHERE ADATE='1996-12-1';
SELECT ACTNO,AMOUNT from  deposit WHERE ADATE BETWEEN '1996-12-1'
 AND '1996-05-1';
SELECT CITY from  branch WHERE BNAME='KAROLBAGH';
SELECT * from customer join borrow on customer.cname=borrow.cname join deposit
on  deposit.cname=borrow.cname WHERE customer.cname='ANIL';
```

OUTPUT

1.


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
customer
Tables
borrow
branch
customer2
deposit
Views
Stored Procedures
Functions
db-sample
db1
mcas2
myaccount
mydb
popo
rmca
Tables
Views
Administration Schemas
Information
Schema: customer
SQL File 3*
Limit to 50000 rows
1 SELECT * FROM deposit;
2
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
ACTNO CNAME BNAME AMOUNT ADATE
D100 ANIL VRCE 1000 1-MAR-95
D101 SUNIL ANJNI 500 4-JAN-96
D104 MADHURI CHANDNI 1200 17-DEC-95
D105 PRAMOD MG ROAD 3000 27-MAR-96
D106 SANDIP ANDHERI 2000 31-MAR-96
D107 SHIVANI VIRAR 1000 5-SEP-95
D108 KRANTI NEHRU PLACE 5000 2-JUL- 95
D109 MINU POWAI 7000 10-AUG-95
deposit 1
Output
Action Output

2.


Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
customer
Tables
borrow
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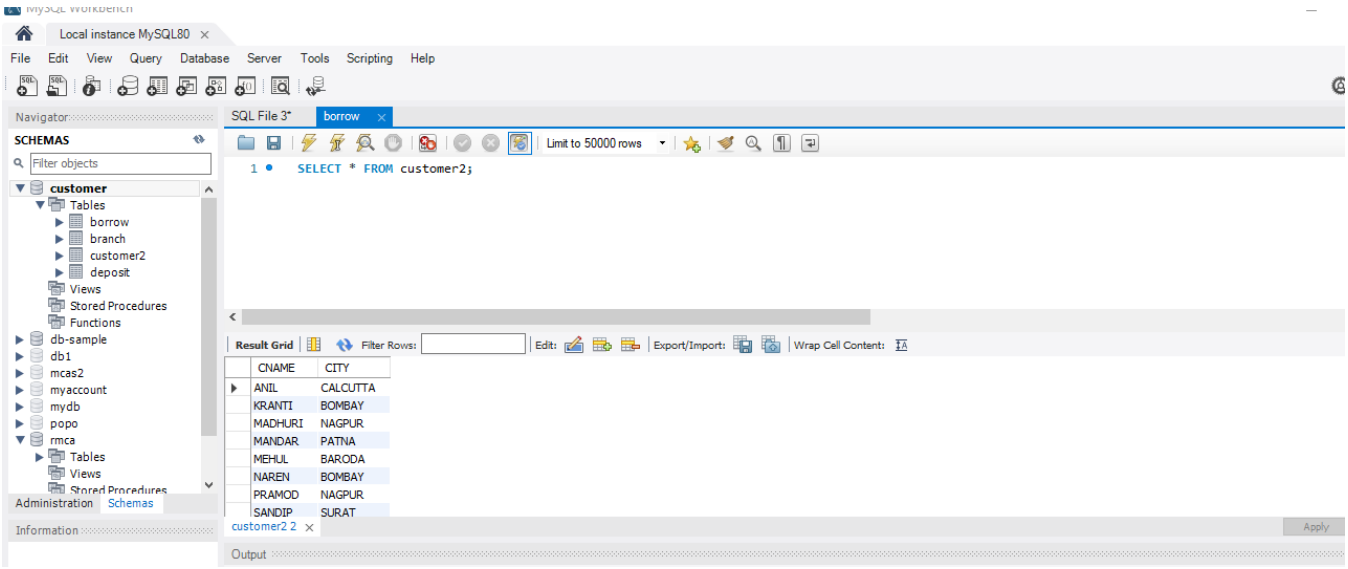
db1
mcas2
myaccount
mydb
popo
rmca
Tables
Views
Administration Schemas
Information
Schema: customer
SQL File 3*
Limit to 50000 rows
1 SELECT * FROM deposit;
2 SELECT * FROM borrow;
3
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
LOANNO CNAME BNAME AMOUNT
L201 ANIL VRCE 1000
L206 MEHUL AJNI 5000
L311 SUNIL DHARAMPETH 3000
L321 MADHURI ANDHERI 2000
L371 PRAMOD VIRAR 8000
L481 KRANTI NEHRU PLACE 3000
borrow 2
Apply
Revert
Output
Action Output
Time Action Message Duration / Fetch
1 09:15:38 SELECT * FROM deposit LIMIT 0, 50000 8 row(s) returned 0.047 sec / 0.000 sec
2 09:17:38 SELECT * FROM borrow LIMIT 0, 50000 6 row(s) returned 0.032 sec / 0.000 sec

3.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Navigator:
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Filter objects
customer
Tables
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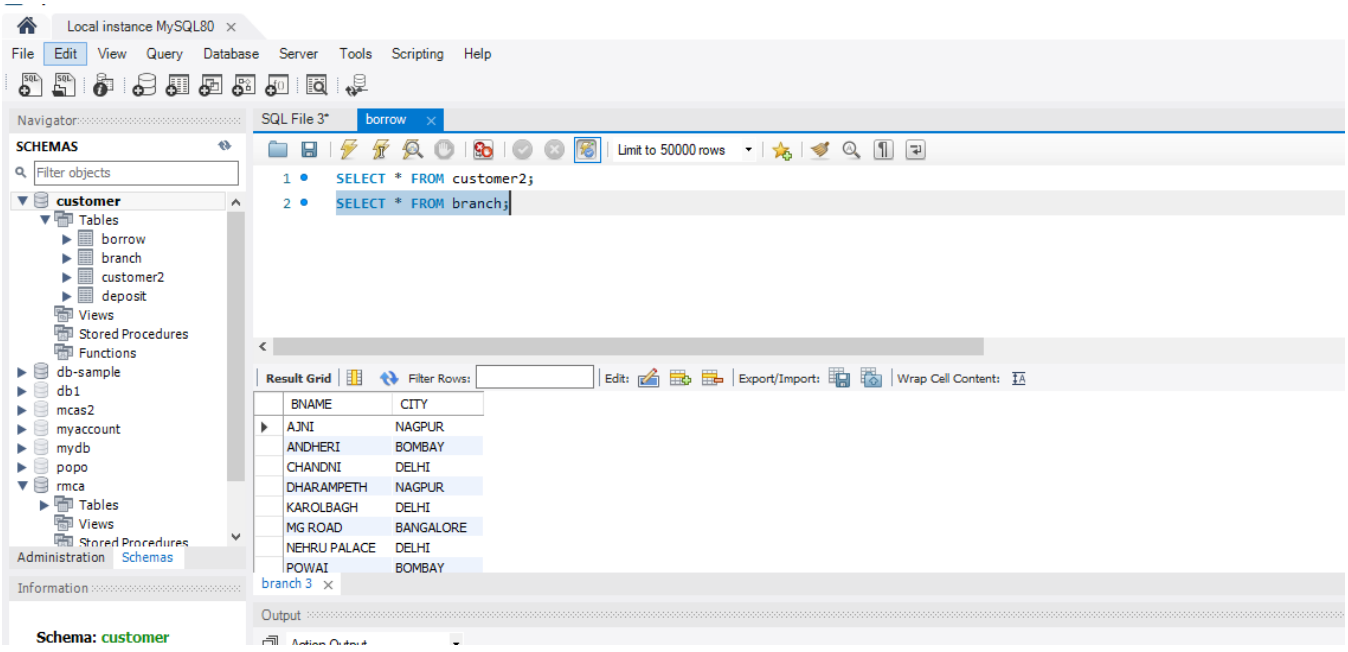
branch
customer2
deposit
Views
Stored Procedures
Functions
db-sample
db1
mcas2
myaccount
mydb
popo
rmca
Tables
Views
Administration Schemas
Information
SQL File 3* borrow
Limit to 50000 rows
1 SELECT * FROM customer2;
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
CNAME CITY
ANIL CALCUTTA
KRANTI BOMBAY
MADHURI NAGPUR
MANDAR PATNA
MEHUL BARODA
NAREN BOMBAY
PRAMOD NAGPUR
SANDIP SURAT
customer2 2
Apply
Output

4.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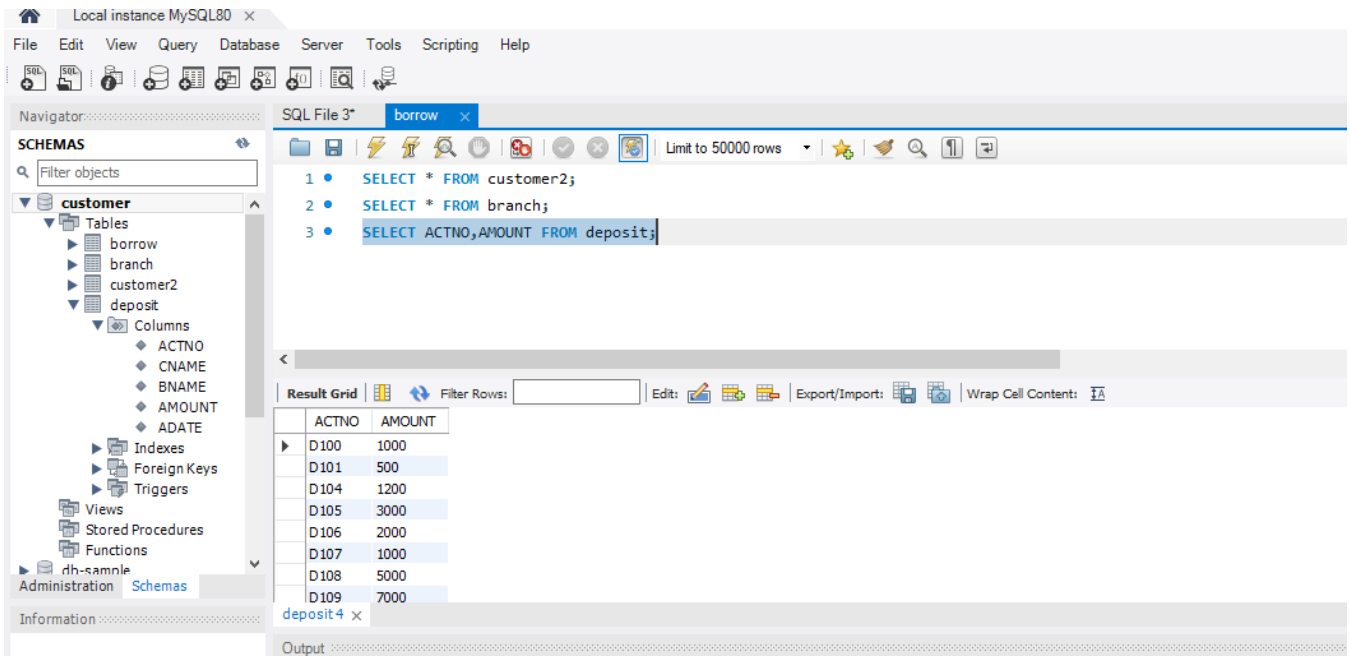
myaccount
mydb
popo
rmca
Tables
Views
Administration Schemas
Information
Schema: customer
SQL File 3* borrow
Limit to 50000 rows
1 SELECT * FROM customer2;
2 SELECT * FROM branch;
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
BNAME CITY
AJNI NAGPUR
ANDHERI BOMBAY
CHANDNI DELHI
DHARAMPETH NAGPUR
KAROLBAGH DELHI
MG ROAD BANGALORE
NEHRU PALACE DELHI
POWAI BOMBAY
branch 3
Output

5.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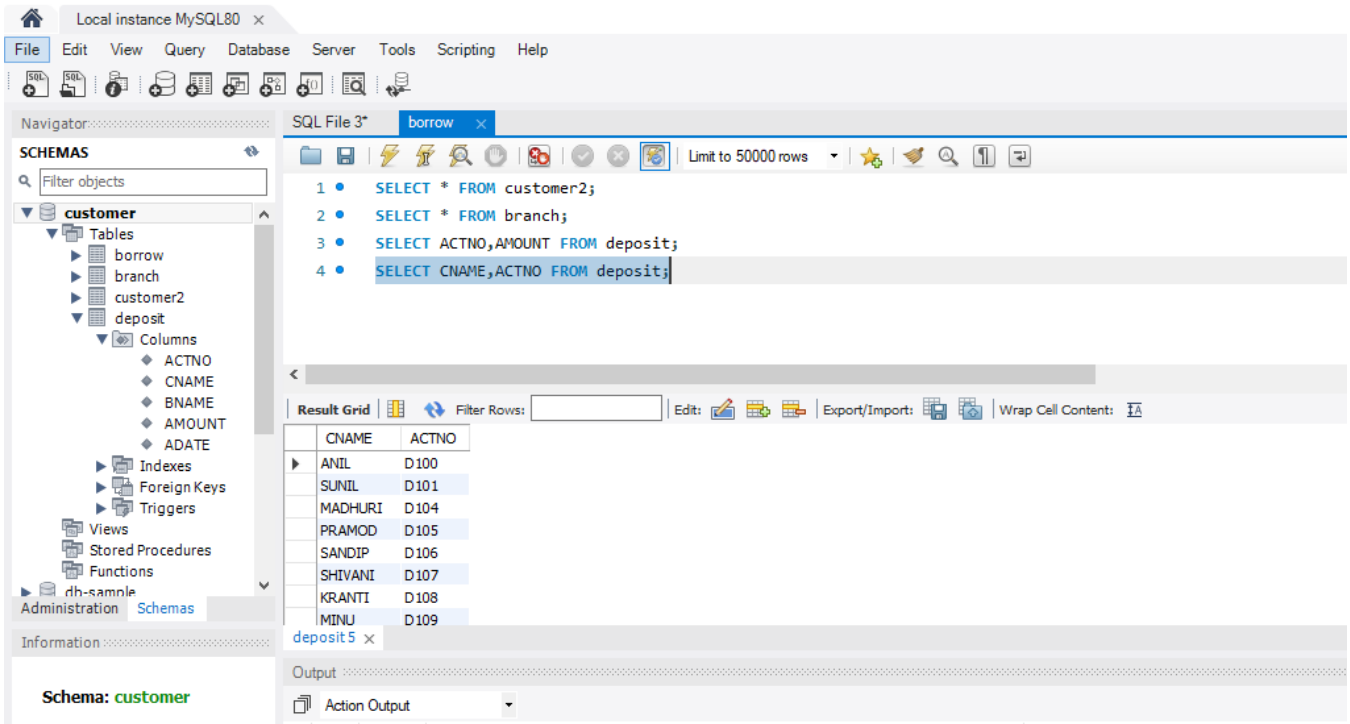
SCHEMAS
Filter objects
customer
Tables
borrow
branch
customer2
deposit
Columns
ACTNO
CNAME
BNAME
AMOUNT
ADATE
Indexes
Foreign Keys
Triggers
Views
Stored Procedures
Functions
db-sample
Administration Schemas
Information
SQL File 3* borrow
Limit to 50000 rows
1 SELECT * FROM customer2;
2 SELECT * FROM branch;
3 SELECT ACTNO,AMOUNT FROM deposit;
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
ACTNO AMOUNT
D100 1000
D101 500
D104 1200
D105 3000
D106 2000
D107 1000
D108 5000
D109 7000
deposit 4
Output

6.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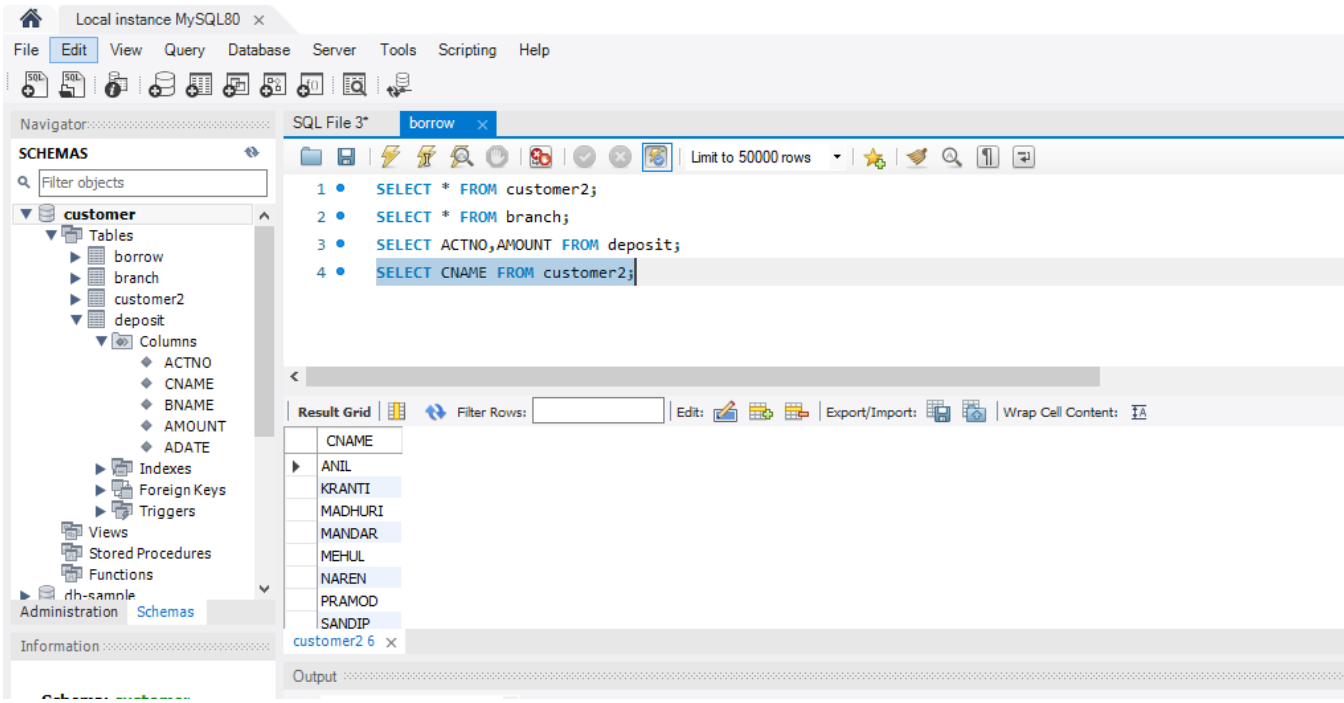
ACTNO
CNAME
BNAME
AMOUNT
ADATE
Indexes
Foreign Keys
Triggers
Views
Stored Procedures
Functions
db-sample
Administration Schemas
Information
Schema: customer
SQL File 3* borrow
Limit to 50000 rows
1 SELECT * FROM customer2;
2 SELECT * FROM branch;
3 SELECT ACTNO,AMOUNT FROM deposit;
4 SELECT CNAME,ACTNO FROM deposit;
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
CNAME ACTNO
ANIL D100
SUNIL D101
MADHURI D104
PRAMOD D105
SANDIP D106
SHIVANI D107
KRANTI D108
MINU D109
deposit 5
Output
Action Output

7.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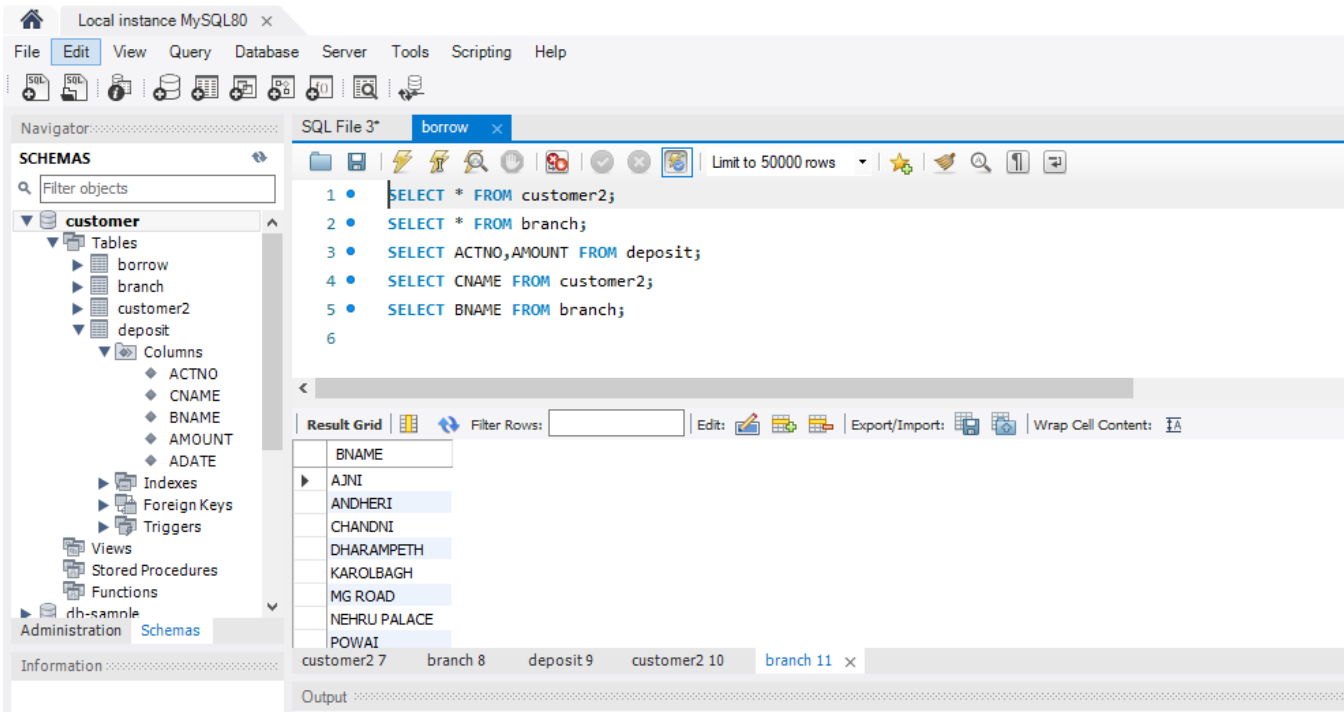
Navigator:
SCHEMAS
Filter objects
customer
Tables
borrow
branch
customer2
deposit
Columns
ACTNO
CNAME
BNAME
AMOUNT
ADATE
Indexes
Foreign Keys
Triggers
Views
Stored Procedures
Functions
db-sample
Administration Schemas
Information
SQL File 3* borrow
Limit to 50000 rows
1 SELECT * FROM customer2;
2 SELECT * FROM branch;
3 SELECT ACTNO,AMOUNT FROM deposit;
4 SELECT CNAME FROM customer2;
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
CNAME
ANIL
KRANTI
MADHURI
MANDAR
MEHUL
NAREN
PRAMOD
SANDIP
customer2 6
Output

8.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Navigator:
SCHEMAS
Filter objects
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Tables
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branch
customer2
deposit
Columns
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CNAME
BNAME
AMOUNT
ADATE
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Foreign Keys
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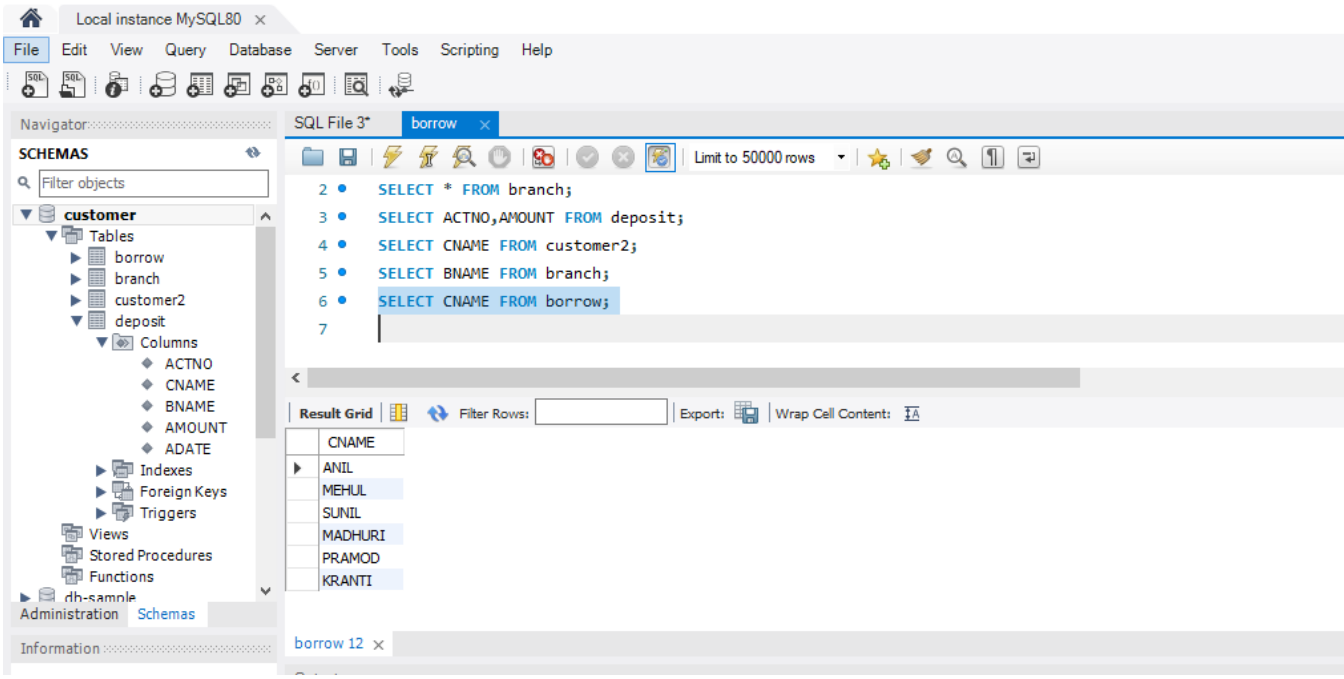
Views
Stored Procedures
Functions
db-sample
Administration Schemas
Information
SQL File 3* borrow
Limit to 50000 rows
1 SELECT * FROM customer2;
2 SELECT * FROM branch;
3 SELECT ACTNO,AMOUNT FROM deposit;
4 SELECT CNAME FROM customer2;
5 SELECT BNAME FROM branch;
6
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
BNAME
AJNI
ANDHERI
CHANDNI
DHARAMPETH
KAROLBAGH
MG ROAD
NEHRU PALACE
POWAI
customer2 7 branch 8 deposit 9 customer2 10 branch 11
Output

9.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Filter objects
customer
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deposit
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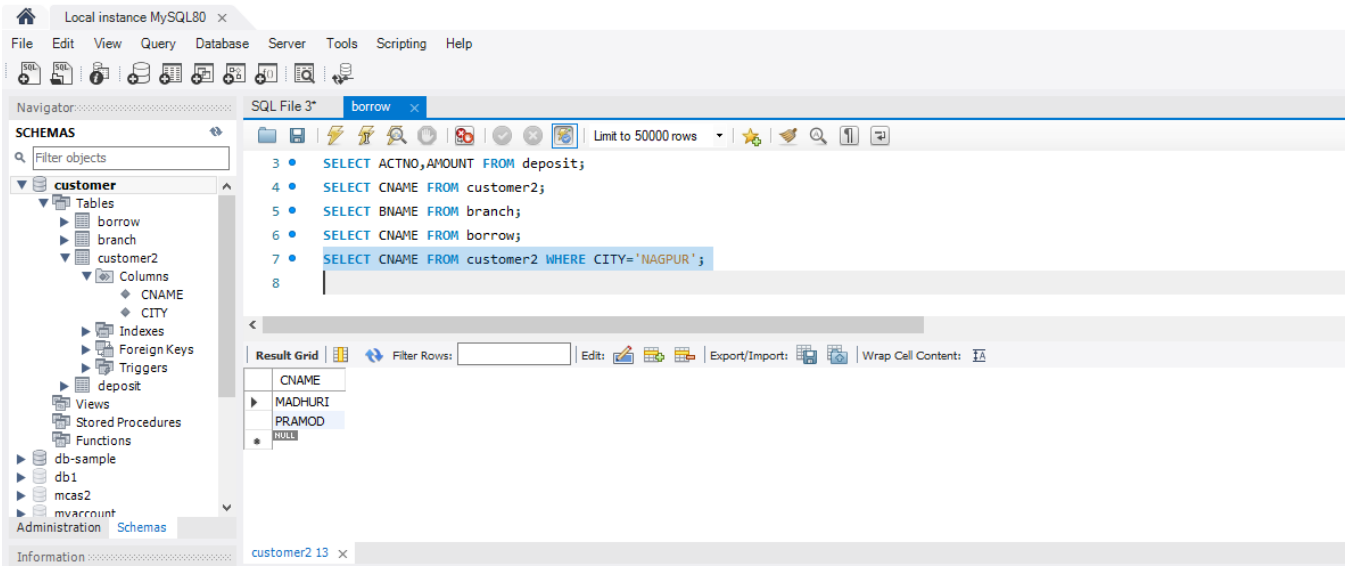
ACTNO
CNAME
BNAME
AMOUNT
ADATE
Indexes
Foreign Keys
Triggers
Views
Stored Procedures
Functions
db-sample
Administration Schemas
Information
SQL File 3* borrow
Limit to 50000 rows
2 SELECT * FROM branch;
3 SELECT ACTNO,AMOUNT FROM deposit;
4 SELECT CNAME FROM customer2;
5 SELECT BNAME FROM branch;
6 SELECT CNAME FROM borrow;
7
Result Grid Filter Rows: Export: Wrap Cell Content:
CNAME
ANIL
MEHUL
SUNIL
MADHURI
PRAMOD
KRANTI
borrow 12

10.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customer2
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CNAME
CITY
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Foreign Keys
Triggers
deposit
Views
Stored Procedures
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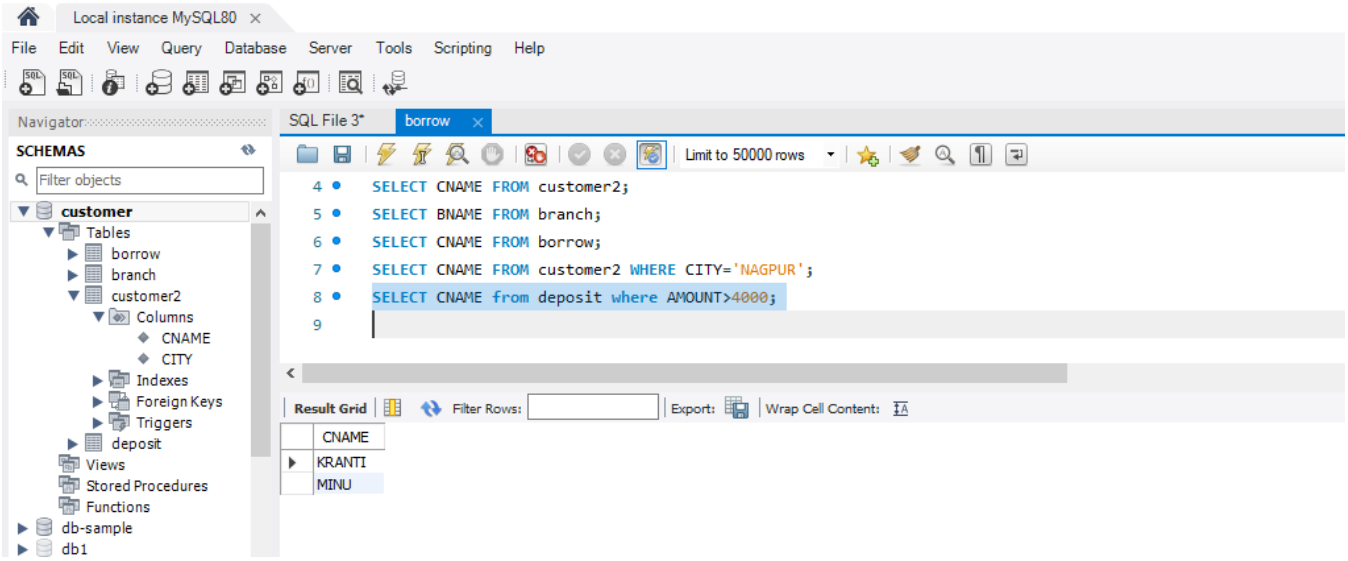
db-sample
db1
mcas2
Administration Schemas
Information
SQL File 3* borrow
Limit to 50000 rows
3 SELECT ACTNO,AMOUNT FROM deposit;
4 SELECT CNAME FROM customer2;
5 SELECT BNAME FROM branch;
6 SELECT CNAME FROM borrow;
7 SELECT CNAME FROM customer2 WHERE CITY='NAGPUR';
8
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
CNAME
MADHURI
PRAMOD
NULL
customer2 13

11.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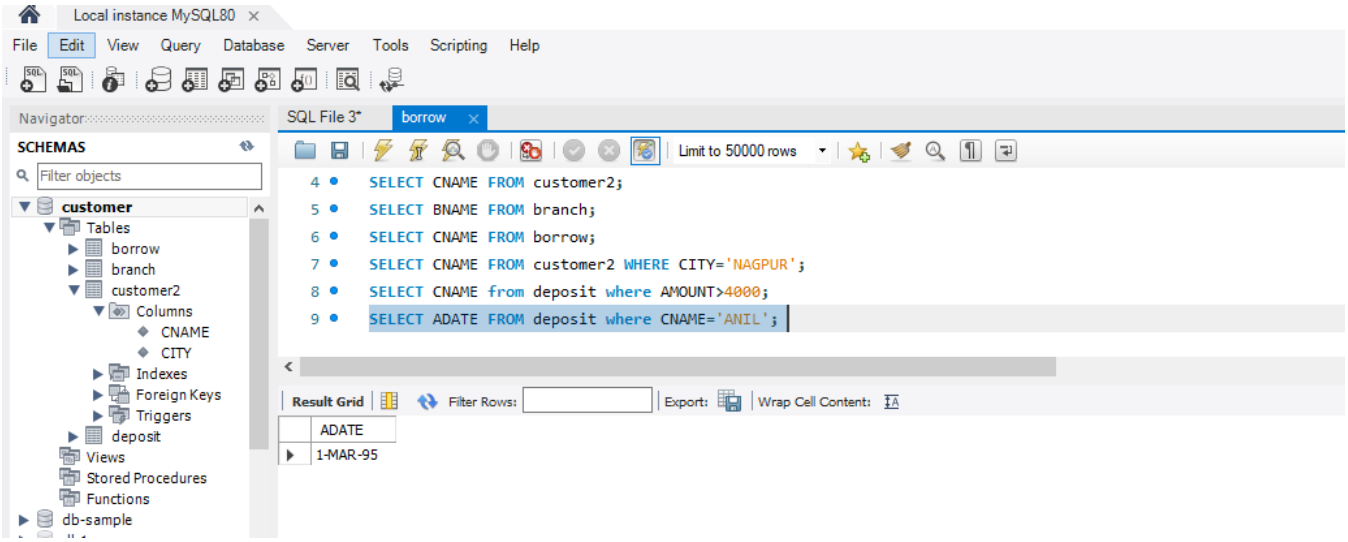
Navigator:
SCHEMAS
Filter objects
customer
Tables
borrow
branch
customer2
Columns
CNAME
CITY
Indexes
Foreign Keys
Triggers
deposit
Views
Stored Procedures
Functions
db-sample
db1
SQL File 3*
borrow
Limit to 50000 rows
4 SELECT CNAME FROM customer2;
5 SELECT BNAME FROM branch;
6 SELECT CNAME FROM borrow;
7 SELECT CNAME FROM customer2 WHERE CITY='NAGPUR';
8 SELECT CNAME from deposit where AMOUNT>4000;
9
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
CNAME
KRANTI
MINU

12.


Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator:
SCHEMAS
Filter objects
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Columns
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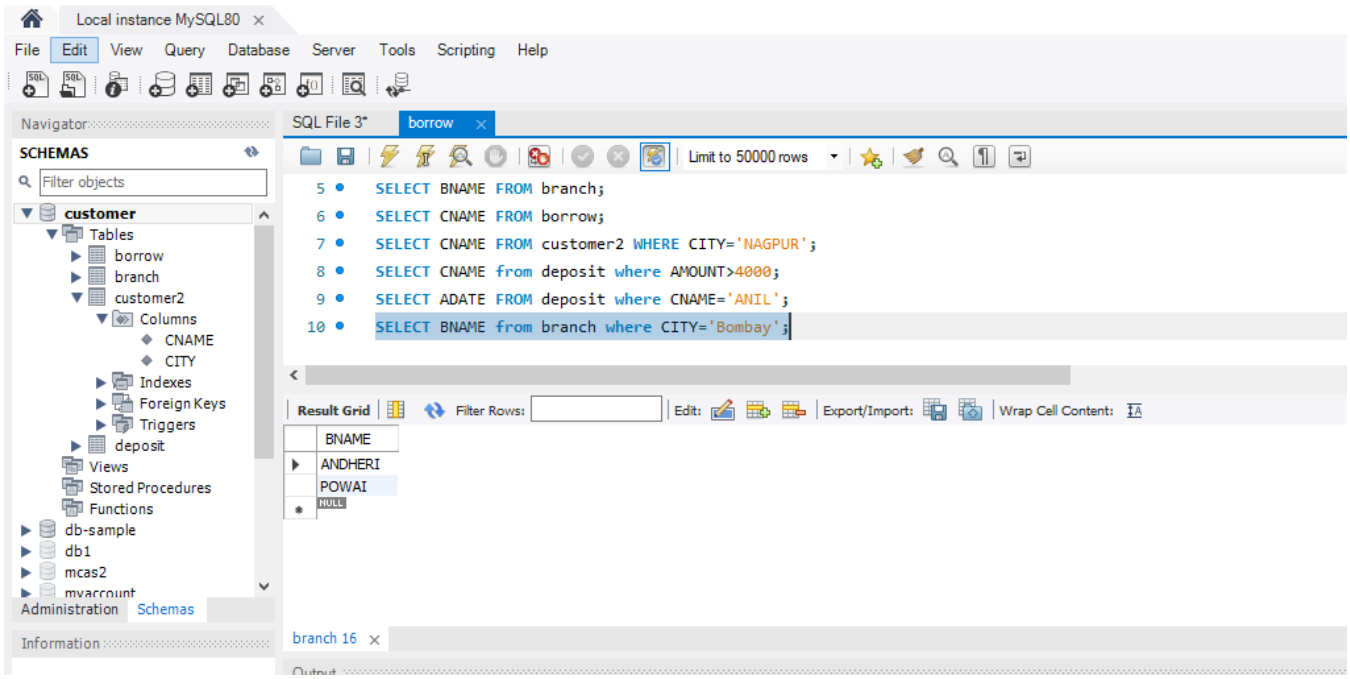
CITY
Indexes
Foreign Keys
Triggers
deposit
Views
Stored Procedures
Functions
db-sample
SQL File 3*
borrow
Limit to 50000 rows
4 SELECT CNAME FROM customer2;
5 SELECT BNAME FROM branch;
6 SELECT CNAME FROM borrow;
7 SELECT CNAME FROM customer2 WHERE CITY='NAGPUR';
8 SELECT CNAME from deposit where AMOUNT>4000;
9 SELECT ADATE FROM deposit where CNAME='ANIL';
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
ADATE
1-MAR-95

13.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SCHEMAS
Filter objects
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db-sample
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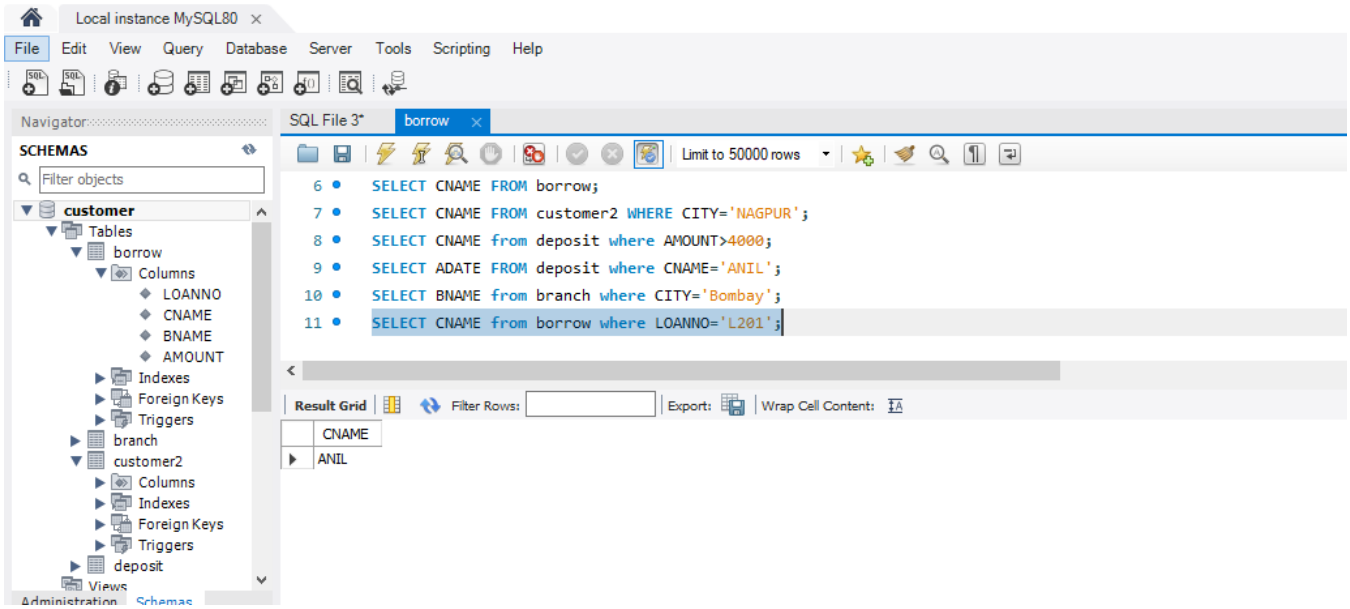
mcas2
Administration Schemas
Information
SQL File 3* borrow
Limit to 50000 rows
5 SELECT BNAME FROM branch;
6 SELECT CNAME FROM borrow;
7 SELECT CNAME FROM customer2 WHERE CITY='NAGPUR';
8 SELECT CNAME from deposit where AMOUNT>4000;
9 SELECT ADATE FROM deposit where CNAME='ANIL';
10 SELECT BNAME from branch where CITY='Bombay';
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
BNAME
ANDHERI
POWAI
NULL
branch 16
Output

14.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Navigator
SCHEMAS
Filter objects
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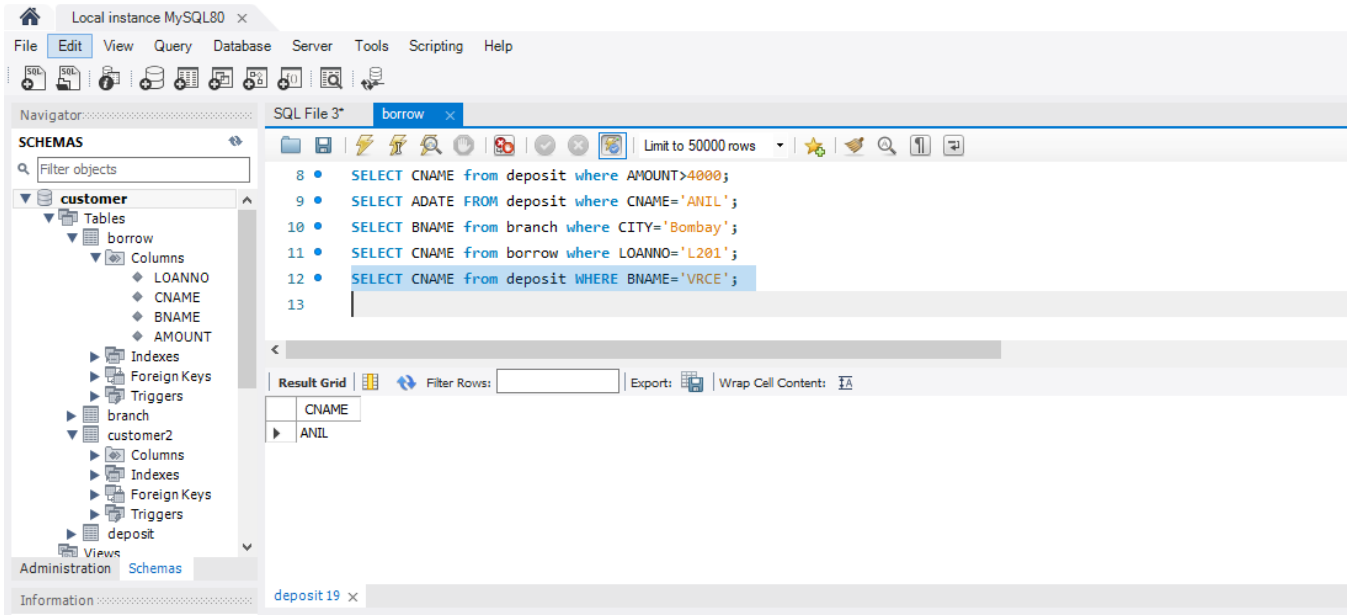
BNAME
AMOUNT
Indexes
Foreign Keys
Triggers
branch
customer2
Columns
Indexes
Foreign Keys
Triggers
deposit
Views
SQL File 3* borrow
Limit to 50000 rows
6 SELECT CNAME FROM borrow;
7 SELECT CNAME FROM customer2 WHERE CITY='NAGPUR';
8 SELECT CNAME from deposit where AMOUNT>4000;
9 SELECT ADATE FROM deposit where CNAME='ANIL';
10 SELECT BNAME from branch where CITY='Bombay';
11 SELECT CNAME from borrow where LOANNO='L201';
Result Grid Filter Rows: Export: Wrap Cell Content:
CNAME
ANIL

15.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Filter objects
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CNAME
BNAME
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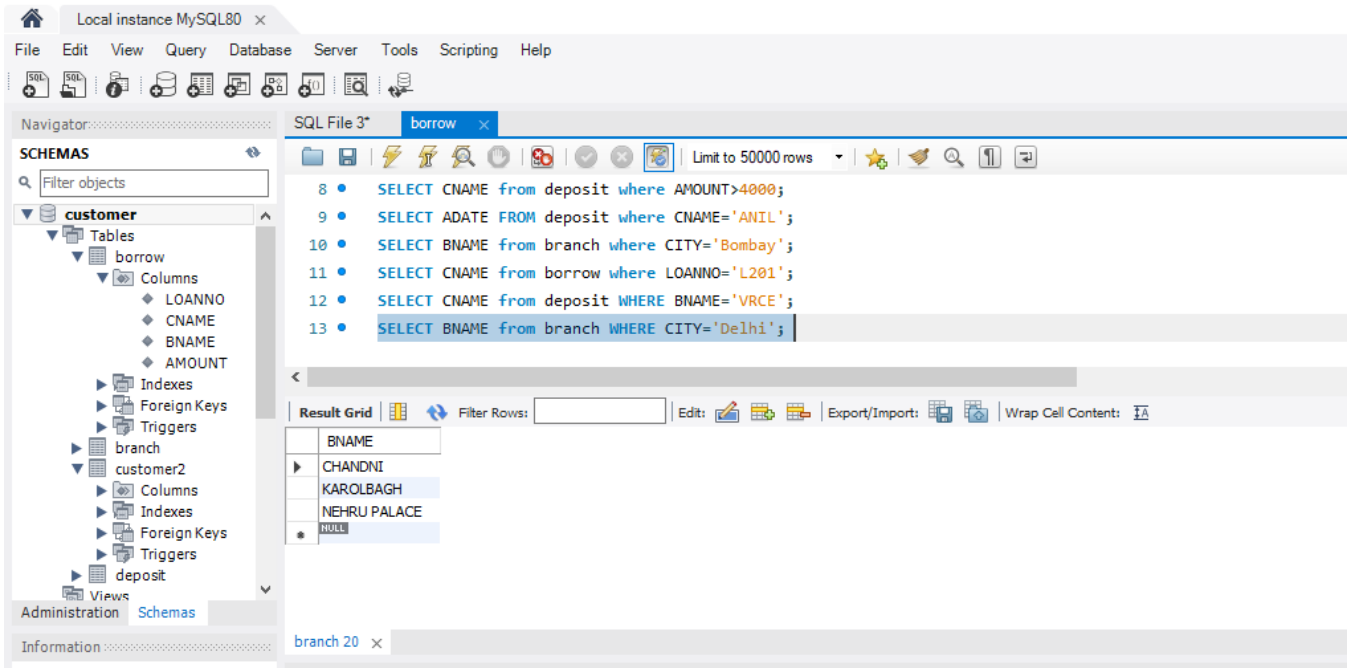
Foreign Keys
Triggers
branch
customer2
Columns
Indexes
Foreign Keys
Triggers
deposit
Views
Administration Schemas
Information
SQL File 3* borrow
Limit to 50000 rows
8 SELECT CNAME from deposit where AMOUNT>4000;
9 SELECT ADATE FROM deposit where CNAME='ANIL';
10 SELECT BNAME from branch where CITY='Bombay';
11 SELECT CNAME from borrow where LOANNO='L201';
12 SELECT CNAME from deposit WHERE BNAME='VRCE';
13
Result Grid Filter Rows: Export: Wrap Cell Content:
CNAME
ANIL
deposit 19

16.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Navigator:
SCHEMAS
Filter objects
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Triggers
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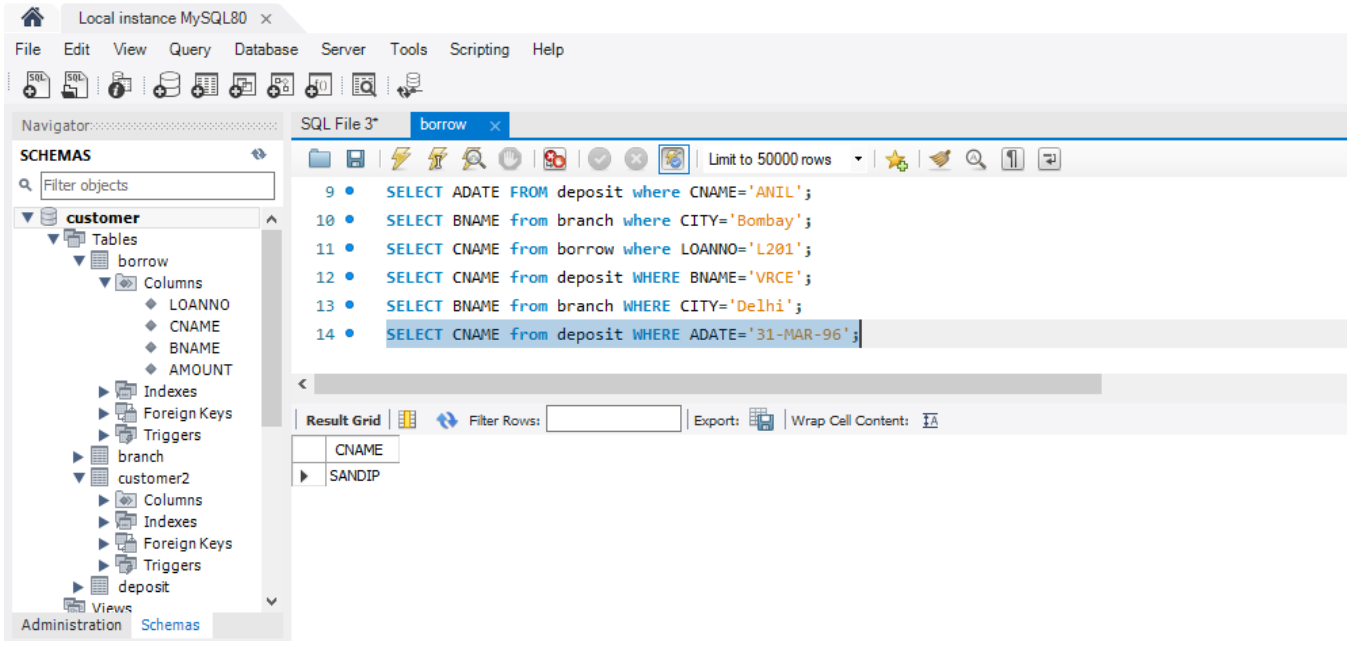
Limit to 50000 rows
8 SELECT CNAME from deposit where AMOUNT>4000;
9 SELECT ADATE FROM deposit where CNAME='ANIL';
10 SELECT BNAME from branch where CITY='Bombay';
11 SELECT CNAME from borrow where LOANNO='L201';
12 SELECT CNAME from deposit WHERE BNAME='VRCE';
13 SELECT BNAME from branch WHERE CITY='Delhi';
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
BNAME
CHANDNI
KAROLBAGH
NEHRU PALACE
NULL
branch 20

17.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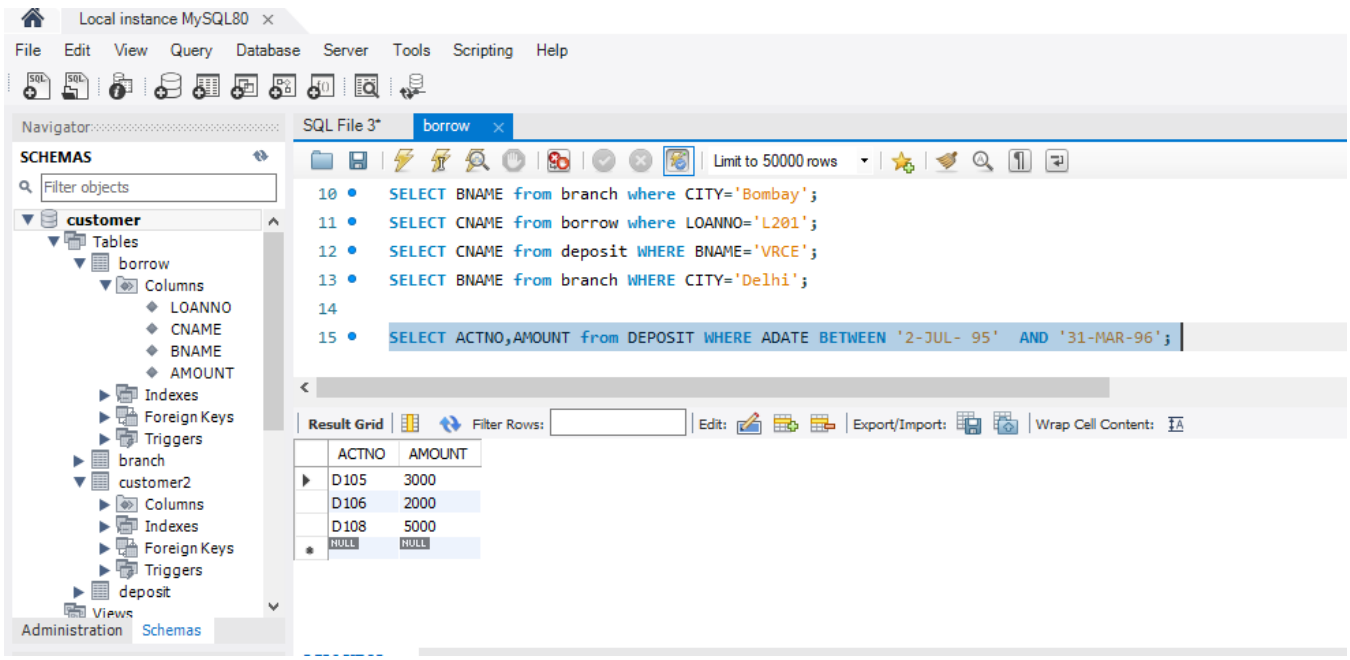
branch
customer2
Columns
Indexes
Foreign Keys
Triggers
deposit
Views
Administration Schemas
SQL File 3* borrow
Limit to 50000 rows
9 SELECT ADATE FROM deposit where CNAME='ANIL';
10 SELECT BNAME from branch where CITY='Bombay';
11 SELECT CNAME from borrow where LOANNO='L201';
12 SELECT CNAME from deposit WHERE BNAME='VRCE';
13 SELECT BNAME from branch WHERE CITY='Delhi';
14 SELECT CNAME from deposit WHERE ADATE='31-MAR-96';
Result Grid Filter Rows: Export: Wrap Cell Content:
CNAME
SANDIP

18.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Indexes
Foreign Keys
Triggers
deposit
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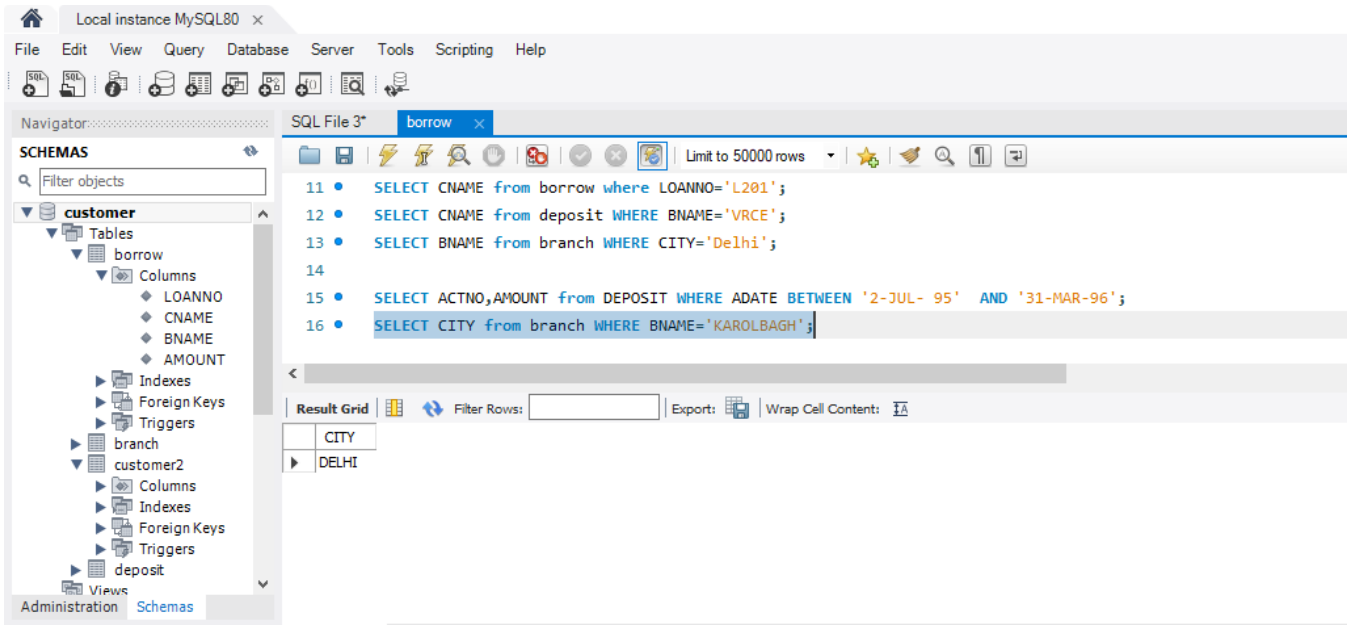
SQL File 3* borrow
Limit to 50000 rows
10 SELECT BNAME from branch where CITY='Bombay';
11 SELECT CNAME from borrow where LOANNO='L201';
12 SELECT CNAME from deposit WHERE BNAME='VRCE';
13 SELECT BNAME from branch WHERE CITY='Delhi';
14
15 SELECT ACTNO,AMOUNT from DEPOSIT WHERE ADATE BETWEEN '2-JUL- 95' AND '31-MAR-96';
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
ACTNO AMOUNT
D105 3000
D106 2000
D108 5000
NULL NULL

19.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BNAME
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Triggers
deposit
Views
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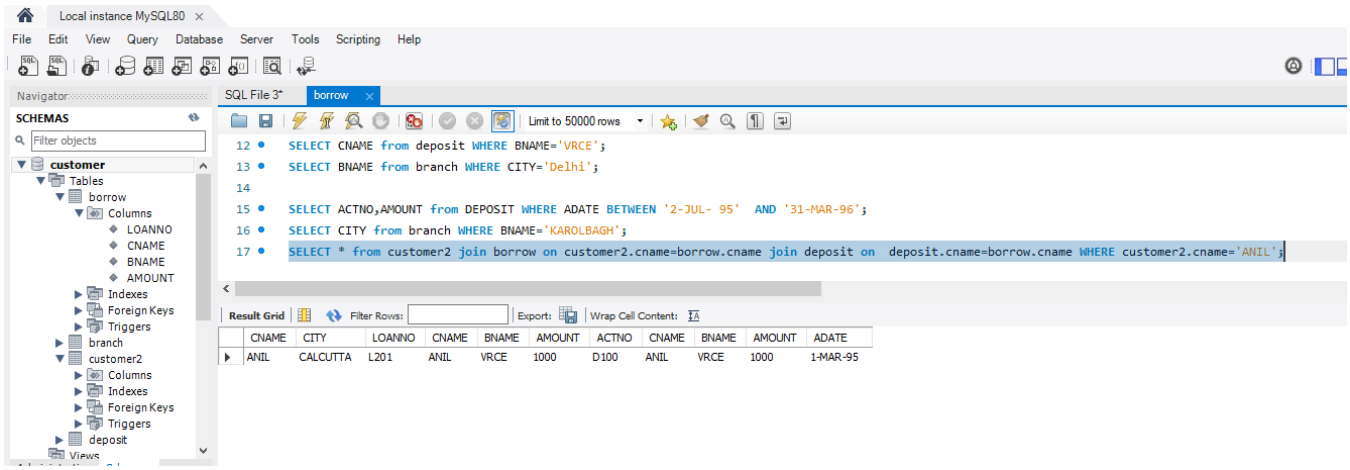
SQL File 3* borrow
Limit to 50000 rows
11 SELECT CNAME from borrow where LOANNO='L201';
12 SELECT CNAME from deposit WHERE BNAME='VRCE';
13 SELECT BNAME from branch WHERE CITY='Delhi';
14
15 SELECT ACTNO,AMOUNT from DEPOSIT WHERE ADATE BETWEEN '2-JUL- 95' AND '31-MAR-96';
16 SELECT CITY from branch WHERE BNAME='KAROLBAGH';
Result Grid Filter Rows: Export: Wrap Cell Content:
CITY
DELHI

20.


Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
SCHEMAS
customer
Tables
borrow
Columns
LOANNO
CNAME
BNAME
AMOUNT
Indexes
Foreign Keys
Triggers
branch
customer2
Columns
Indexes
Foreign Keys
Triggers
deposit
Views
SQL File 3* borrow
Limit to 50000 rows
12 SELECT CNAME from deposit WHERE BNAME='VRCE';
13 SELECT BNAME from branch WHERE CITY='Delhi';
14
15 SELECT ACTNO,AMOUNT from DEPOSIT WHERE ADATE BETWEEN '2-JUL- 95' AND '31-MAR-96';
16 SELECT CITY from branch WHERE BNAME='KAROLBAGH';
17 SELECT * from customer2 join borrow on customer2.cname=borrow.cname join deposit on deposit.cname=borrow.cname WHERE customer2.cname='ANIL';
Result Grid Filter Rows: Export: Wrap Cell Content:
CNAME CITY LOANNO CNAME BNAME AMOUNT ACTNO CNAME BNAME AMOUNT ADATE
ANIL CALCUTTA L201 ANIL VRCE 1000 D100 ANIL VRCE 1000 1-MAR-95