



SCHEMAS

Filter objects

- book
- insurance
- orderprocessing
- sys

Administration Schemas

Information

No object selected

DBMS-LAB2-BOOK DEALER

DBMS-LAB3-ORDER PROCES...

DBMS-LAB1-INSURANCE.sql

DBMS-LAB4-BANKING ENTER...

```
21 foreign key(loan_number) references loan(loan_number) on delete cascade);
22 show tables;
23
24
25 insert into branch values("SBI PD Nagar","Bangalore",200000);
26 insert into branch values("SBI Rajaji Nagar","Bangalore",500000);
27 insert into branch values("SBI Jayanagar","Delhi",660000);
28 insert into branch values("SBI Vijay Nagar","Chennai",870000);
29 insert into branch values("SBI Hosakerehalli","Bangalore",550000);
30 select * from branch;
31
32 insert into accounts values(11,"SBI Hosakerehalli",5000);
33 insert into accounts values(22,"SBI Vijay Nagar",5000);
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:

	branch_name	branch_city	assets
▶	SBI Hosakerehalli	Bangalore	550000
	SBI Jayanagar	Delhi	660000
	SBI PD Nagar	Bangalore	200000
	SBI Rajaji Nagar	Bangalore	500000
	SBI Vijay Nagar	Chennai	870000
*	NULL	NULL	NULL

branch 76 x

Output

Action Output

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

DBMS-LAB2-BOOK DEALER DBMS-LAB3-ORDER PROCES... DBMS-LAB1-INSURANCE.sql DBMS-LAB4-BANKING ENTER...

Limit to 1000 rows

SCHEMAS

Filter objects

- book
- insurance
- orderprocessing
- sys

Administration Schemas

Information

No object selected

```
32 • insert into accounts values(11,"SBI Hosakerehalli",5000);
33 • ir Execute the selected portion of the script or everything, if there is no selection
34 • insert into accounts values(33,"SBI Jayanagar",5000);
35 • insert into accounts values(44,"SBI Rajaji Nagar",10000);
36 • insert into accounts values(55,"SBI Vijay Nagar",40000);
37 • insert into accounts values(66,"SBI PD Nagar",4000);
38 • insert into accounts values(77,"SBI PD Nagar",40000);
39 • insert into accounts values(88,"SBI Rajaji Nagar",4000);
40 • select * from accounts;
41
42 • insert into customer values("Kezar","MG road","Bangalore");
43 • insert into customer values("Lal Krishna","ST MKS road","Bangalore");
44 • insert into customer values("Rahul","Augsten road","Bangalore");
```

Result Grid

	acc_no	branch_name	balance
▶	11	SBI Hosakerehalli	5000
	22	SBI Vijay Nagar	5000
	44	SBI Rajaji Nagar	10000
	55	SBI Vijay Nagar	40000
	66	SBI PD Nagar	4000
	77	SBI PD Nagar	40000
	88	SBI Rajaji Nagar	4000

accounts 77 x

Output

Action Output

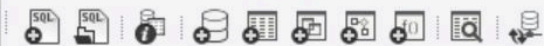
Apply Revert

Result Grid Form Editor

Object Info Session

Type here to search

22:01 12-05-2021



SCHEMAS

Filter objects

- book
- insurance
- orderprocessing
- sys

Administration Schemas

Information

No object selected



```
41
42 • in Execute the selected portion of the script or everything, if there is no selection
43 • insert into customer values("Lal Krishna","ST MKS road","Bangalore");
44 • insert into customer values("Rahul","Augsten road","Bangalore");
45 • insert into customer values("Lallu","V S road","Bangalore");
46 • insert into customer values("Faizal","Resedency road","Bangalore");
47 • insert into customer values("Rajeev","Dicknsn road","Bangalore");
48 • select * from customer;
49
50 • insert into depositor values("Rahul",11);
51 • insert into depositor values("Lallu",22);
52 • insert into depositor values("Rahul",33);
53 • insert into depositor values("Faizal",44);
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:

	customer_name	customer_street	customer_city
▶	Faizal	Resedency road	Bangalore
	Kezar	MG road	Bangalore
	Lal Krishna	ST MKS road	Bangalore
	Lallu	V S road	Bangalore
	Rahul	Augsten road	Bangalore
	Rajeev	Dicknsn road	Bangalore
	NULL	NULL	NULL

customer 78 x

Output

Action Output

Result Grid

Form Editor

Apply Revert

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- book
- insurance
- orderprocessing
- sys

Administration Schemas

Information

No object selected

DBMS-LAB2-BOOK DEALER DBMS-LAB3-ORDER PROCES... DBMS-LAB1-INSURANCE.sql DBMS-LAB4-BANKING ENTER ... x

Limit to 1000 rows

```
49
50 • insert into depositor values("Rahul",11);
51 • insert into depositor values("Lallu",22);
52 • insert into depositor values("Rahul",33);
53 • insert into depositor values("Faizal",44);
54 • insert into depositor values("Lallu",55);
55 • insert into depositor values("Kezar",66);
56 • insert into depositor values("Rajeev",77);
57 • insert into depositor values("Lal Krishna",88);
58 • select * from depositor;
```

Result Grid

	customer_name	acc_no
▶	Rahul	11
	Lallu	22
	Faizal	44
	Lallu	55
	Kezar	66
	Rajeev	77
	Lal Krishna	88

depositor79 x

Output

Action Output

Object Info Session

Windows Taskbar: Type here to search, 22:01, 12-05-2021

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- book
- insurance
- orderprocessing
- sys

Administration Schemas

Information

No object selected

DBMS-LAB2-BOOK DEALER DBMS-LAB3-ORDER PROCES... DBMS-LAB1-INSURANCE.sql DBMS-LAB4-BANKING ENTER...

Limit to 1000 rows

```
60
61 • Execute the selected portion of the script or everything, if there is no selection
62 • insert into loan values(10012,"SBI Vijay Nagar",5000);
63 • insert into loan values(10013,"SBI Hosakerehalli",20000);
64 • insert into loan values(10014,"SBI PD Nagar",15000);
65 • insert into loan values(10015,"SBI Rajaji Nagar",25000);
66 • select * from loan;
67
68 • insert into borrower values("Kezar",10011);
69 • insert into borrower values("Lal Krishna",10012);
```

Result Grid

	loan_number	branch_name	amount
▶	10011	SBI Jayanagar	10000
	10012	SBI Vijay Nagar	5000
	10013	SBI Hosakerehalli	20000
	10014	SBI PD Nagar	15000
	10015	SBI Rajaji Nagar	25000
*	NULL	NULL	NULL

loan 80 x

Output

Action Output

Object Info Session

Type here to search

22:01 12-05-2021

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- book
- insurance
- orderprocessing
- sys

Administration Schemas

Information

No object selected

DBMS-LAB2-BOOK DEALER DBMS-LAB3-ORDER PROCES... DBMS-LAB1-INSURANCE.sql DBMS-LAB4-BANKING ENTER...

Limit to 1000 rows

```
67
68 • in Execute the selected portion of the script or everything, if there is no selection
69 • insert into borrower values("Lal Krishna",10012);
70 • insert into borrower values("Rahul",10013);
71 • insert into borrower values("Lallu",10014);
72 • insert into borrower values("Lal Krishna",10015);
73 • select * from borrower;
74
75 -- iii) Find all the customers who have at least two accounts at the Main branch.
76 • select d.customer_name from depositor d,accounts a where d.acc_no=a.acc_no and a.branch_name="SBI Vijay Nagar"
```

Result Grid

	customer_name	loan_number
▶	Kezar	10011
	Lal Krishna	10012
	Rahul	10013
	Lallu	10014
	Lal Krishna	10015

borrower 81 x

Read Only

Object Info Session

Action Output

Type here to search

22:01 12-05-2021

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

DBMS-LAB2-BOOK DEALER DBMS-LAB3-ORDER PROCES... DBMS-LAB1-INSURANCE.sql DBMS-LAB4-BANKING ENTER ... x

SCHEMAS

Filter objects

- book
- insurance
- orderprocessing
- sys

Administration Schemas

Information

No object selected

Limit to 1000 rows

```
71 • insert into borrower values("Lallu",10014);
72 • in Execute the selected portion of the script or everything, if there is no selection
73 • select * from borrower;
74
75 -- iii) Find all the customers who have at least two accounts at the Main branch.
76 • select d.customer_name from depositor d,accounts a where d.acc_no=a.acc_no and a.branch_name="SBI Vijay Nagar"
77 group by d.customer_name having count(d.customer_name)>=2);
78
79 -- iv) Find all the customers who have an account at all the
80 -- branches located in a specific city.
```

Result Grid

customer_name
Lallu

Result 82 x

Output

Action Output

Read Only

Type here to search

22:02 12-05-2021

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

DBMS-LAB2-BOOK DEALER DBMS-LAB3-ORDER PROCES... DBMS-LAB1-INSURANCE.sql DBMS-LAB4-BANKING ENTER...

Limit to 1000 rows

```
72 • insert into borrower values("Lal Krishna",10015);
73 • select * from borrower;
74
75 -- iii) Find all the customers who have at least two accounts at the Main branch.
76 • select d.customer_name from depositor d,accounts a where d.acc_no=a.acc_no and a.branch_name="SBI Vijay Nagar"
77 group by d.customer_name having count(d.customer_name)>=2);
78
79 -- iv) Find all the customers who have an account at all the
80 -- branches located in a specific city.
81 • select customer_name from depositor
```

Administration Schemas

Information

No object selected

Result Grid

customer_name
Rahul
Kezar
Rajeev
Faizal
Lal Krishna

Result 83 x

Output

Action Output

Object Info Session

Type here to search

22:02 12-05-2021

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- book
- insurance
- orderprocessing
- sys

Administration Schemas

Information

No object selected

DBMS-LAB2-BOOK DEALER DBMS-LAB3-ORDER PROCES... DBMS-LAB1-INSURANCE.sql DBMS-LAB4-BANKING ENTER...

Limit to 1000 rows

```
81 • select customer_name from depositor
82 join accounts on accounts.acc_no = depositor.acc_no
83 join branch on branch.branch_name = accounts.branch_name
84 where branch.branch_city = "Bangalore"
85 GROUP BY depositor.customer_name;
86
87
88 -- v) Demonstrate how you delete all account tuples at every
89 -- branch located in a specific city.
90 • delete from accounts where branch_name in
```

Result Grid

	acc_no	branch_name	balance
▶	11	SBI Hosakerehalli	5000
	22	SBI Vijay Nagar	5000
	44	SBI Rajaji Nagar	10000
	55	SBI Vijay Nagar	40000
	66	SBI PD Nagar	4000
	77	SBI PD Nagar	40000
	88	SBI Rajaji Nagar	4000
*	NULL	NULL	NULL

accounts 84 x

Output

Action Output

Object Info Session

Type here to search

22:02 12-05-2021