

MySQL Workbench

SQL Learning

File Edit View Query Database Server Tools Scripting Help

Query 1 x insurance

Limit to 1000 rows

```

1 create database bank;
2 use bank;
3 create table Branch(
4   branchname varchar(30),
5   branchcity varchar(30),
6   assests real,
7   primary key(branchname));
8 create table BankAccount(
9   accno integer,
10  branchname varchar(30),
11  balance real,
12  primary key (accno),
13  foreign key (branchname) references Branch(branchname));
14 create table BankCustomer(
15  customername varchar(30),
16  customerstreet varchar(30),
17  customercity varchar(30),
18  primary key (customername));
19 create table Depositer(
20  customername varchar(30),
21  accno integer,
22  primary key (customername, accno),
23  foreign key (customername) references BankCustomer(customername),

```

Output

#	Time	Action	Message	Duration / Fetch
12	22:37:47	insert into Depositer values ('Avinash', 1), ('Dinesh', 2), ('Nikhil', 3), ('Ravi', 4), ('Avinash', 5)	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.032 sec
13	22:37:55	insert into Loan values (2, 'SBI_ResidencyRoad', 2000), (1, 'SBI_chamrajpet', 1000), (3, 'SBI_ShivajiRoad', 3000), (4, 'SBI_parliament...', 4000)	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.016 sec
14	22:38:03	INSERT INTO BankAccount (accno, branchname, balance) VALUES (6, 'SBI_chamrajpet', 7000), (7, 'SBI_Jantamantar', 4500), (8, 'SBI_Jantamantar', 4500)	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.016 sec
15	22:38:10	SELECT accno FROM BankAccount WHERE branchname = 'SBI_ResidencyRoad' LIMIT 0, 1000	2 row(s) returned	0.015 sec / 0.000 sec
16	22:38:31	SELECT customername, accno FROM Depositer WHERE accno IN (SELECT accno FROM BankAccount WHERE branchname = 'SBI_ResidencyRoad')	1 row(s) returned	0.000 sec / 0.000 sec
17	22:38:47	SELECT customername, COUNT(*) AS num_deposits FROM Depositer WHERE accno IN (SELECT accno FROM BankAccount WHERE branchname = 'SBI_ResidencyRoad')	0 row(s) returned	0.016 sec / 0.000 sec

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```

19 create table Depositer
20     customername varchar(30),
21     accno integer,
22     primary key (customername, accno),
23     foreign key (customername) references BankCustomer(customername),
24     foreign key (accno) references BankAccount (accno));
25
26 create table Loan(
27     loannumber int,
28     branchname varchar(30),
29     amount real,
30     primary key (loannumber),
31     foreign key (branchname) references Branch (branchname));
32
33 insert into Branch values
34     ('SBI_chamrajpet', 'Bangalore', 50000),
35     ('SBI_ResidencyRoad', 'Bangalore', 10000),
36     ('SBI_ShivajiRod', 'Bombay', 20000),
37     ('SBI_parliamentRoad', 'Delhi', 10000),
38     ('SBI_Jantarwantar', 'Delhi', 20000);
39
40 insert into BankAccount values
41     (1, 'SBI_chamrajpet', 2000),
42     (2, 'SBI_ResidencyRoad', 5000),

```

Output

Action Output

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14	22:38:03	INSERT INTO BankAccount (accno, branchname, balance) VALUES (6, 'SBI_chamrajpet', 7000), (7, 'SBI_Jantarwantar', 4500), (8, '...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.016 sec
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```
31
32 • insert into Branch values
33 ('SBI_chamrajpet', 'Bangalore', 50000),
34 ('SBI_ResidencyRoad', 'Bangalore', 10000),
35 ('SBI_ShivajiRod', 'Bombay', 20000),
36 ('SBI_parliamentRoad', 'Delhi', 10000),
37 ('SBI_Jantamantar', 'Delhi', 20000);
38
39 • insert into BankAccount values
40 (1, 'SBI_chamrajpet', 2000),
41 (2, 'SBI_ResidencyRoad', 5000),
42 (3, 'SBI_ShivajiRod', 6000),
43 (4, 'SBI_parliamentRoad', 9000),
44 (5, 'SBI_Jantamantar', 8000);
45
46 • insert into BankCustomer values
47 ('Avinash', 'bull_temple', 'Bangalore'),
48 ('Dinesh', 'Bannerhatta_road', 'Bangalore'),
49 ('Mohan', 'National_college', 'Bangalore'),
50 ('Nikil', 'Akbar_road', 'Delhi'),
51 ('Ravi', 'Prithviraj_road', 'Delhi');
52
53 • insert into Depositor values
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 12	22:37:47	insert into Depositor values ('Avinash', 1), ('Dinesh', 2), ('Nikil', 3), ('Ravi', 4), ('Avinash', 5)	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.032 sec
✓ 13	22:37:55	insert into Loan values (2, 'SBI_ResidencyRoad', 2000), (1, 'SBI_chamrajpet', 1000), (3, 'SBI_ShivajiRod', 3000), (4, 'SBI_parliament...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.016 sec
✓ 14	22:38:03	INSERT INTO BankAccount (acno, branchname, balance) VALUES (6, 'SBI_chamrajpet', 7000), (7, 'SBI_Jantamantar', 4500), (8, '...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.016 sec
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✓ 16	22:38:31	SELECT customername, acno FROM Depositor WHERE acno IN (SELECT acno FROM BankAccount WHERE branch...	1 row(s) returned	0.000 sec / 0.000 sec
✓ 17	22:38:47	SELECT customername, COUNT(*) AS num_deposits FROM Depositor WHERE acno IN (SELECT acno FROM BankAccou...	0 row(s) returned	0.016 sec / 0.000 sec

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```
49 ('Mohan', 'National_college', 'Bangalore'),
50 ('Nikil', 'Akber_road', 'Delhi'),
51 ('Ravi', 'Prithviraj_road', 'Delhi');
52
53 • insert into Depositer values
54 ('Avinash', 1),
55 ('Dinesh', 2),
56 ('Nikil', 3),
57 ('Ravi', 4),
58 ('Avinash', 5);
59
60 • insert into Loan values
61 (2, 'SBI_ResidencyRoad', 2000),
62 (1, 'SBI_chamrajpet', 1000),
63 (3, 'SBI_ShivajiRod', 3000),
64 (4, 'SBI_parliamentRoad', 4000),
65 (5, 'SBI_Jantarmantar', 5000);
66
67 • INSERT INTO BankAccount (accno, branchname, balance) VALUES
68 (6, 'SBI_chamrajpet', 7000),
69 (7, 'SBI_Jantarmantar', 4500),
70 (8, 'SBI_ResidencyRoad', 3000);
71
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 12	22:37:47	insert into Depositer values ('Avinash', 1), ('Dinesh', 2), ('Nikil', 3), ('Ravi', 4), ('Avinash', 5)	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.032 sec
✓ 13	22:37:55	insert into Loan values (2, 'SBI_ResidencyRoad', 2000), (1, 'SBI_chamrajpet', 1000), (3, 'SBI_ShivajiRod', 3000), (4, 'SBI_parliament...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.016 sec
✓ 14	22:38:03	INSERT INTO BankAccount (accno, branchname, balance) VALUES (6, 'SBI_chamrajpet', 7000), (7, 'SBI_Jantarmantar', 4500), (8, '...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.016 sec
✓ 15	22:38:10	SELECT accno FROM BankAccount WHERE branchname = 'SBI_ResidencyRoad' LIMIT 0, 1000	2 row(s) returned	0.015 sec / 0.000 sec
✓ 16	22:38:31	SELECT customename, accno FROM Depositer WHERE accno IN (SELECT accno FROM BankAccount WHERE branch...	1 row(s) returned	0.000 sec / 0.000 sec
✓ 17	22:38:47	SELECT customename, COUNT(*) AS num_deposits FROM Depositer WHERE accno IN (SELECT accno FROM BankAccou...	0 row(s) returned	0.016 sec / 0.000 sec

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Limit to 1000 rows

```

64 (4, 'SBI_parliamentRoad', 4000),
65 (5, 'SBI_Jantarantar', 5000);
66
67 INSERT INTO BankAccount (accno, branchname, balance) VALUES
68 (6, 'SBI_chamrajpet', 7000),
69 (7, 'SBI_Jantarantar', 4500),
70 (8, 'SBI_ResidencyRoad', 3000);
71
72 SELECT accno
73 FROM BankAccount
74 WHERE branchname = 'SBI_ResidencyRoad';
75
76 SELECT customername, accno
77 FROM Depositer
78 WHERE accno IN (
79     SELECT accno
80     FROM BankAccount
81     WHERE branchname = 'SBI_ResidencyRoad'
82 );
83
84 SELECT customername, COUNT(*) AS num_deposits
85 FROM Depositer
86 WHERE accno IN (

```

Output

#	Time	Action	Message	Duration / Fetch
12	22:37:47	insert into Depositer values ('Avinash', 1), ('Dinesh', 2), ('Nikhil', 3), ('Ravi', 4), ('Avinash', 5)	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.032 sec
13	22:37:55	insert into Loan values (2, 'SBI_ResidencyRoad', 2000), (1, 'SBI_chamrajpet', 1000), (3, 'SBI_ShivajRoad', 3000), (4, 'SBI_parliament...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.016 sec
14	22:38:03	INSERT INTO BankAccount (accno, branchname, balance) VALUES (6, 'SBI_chamrajpet', 7000), (7, 'SBI_Jantarantar', 4500), (8, '...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.016 sec
15	22:38:10	SELECT accno FROM BankAccount WHERE branchname = 'SBI_ResidencyRoad' LIMIT 0, 1000	2 row(s) returned	0.015 sec / 0.000 sec
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Query 1 x insurance

Limit to 1000 rows

```

73 FROM BankAccount
74 WHERE branchname = 'SBI_ResidencyRoad';
75
76 SELECT customername, accno
77 FROM Depositer
78 WHERE accno IN (
79     SELECT accno
80     FROM BankAccount
81     WHERE branchname = 'SBI_ResidencyRoad'
82 );
83
84 SELECT customername, COUNT(*) AS num_deposits
85 FROM Depositer
86 WHERE accno IN (
87     SELECT accno
88     FROM BankAccount
89     WHERE branchname = 'SBI_ResidencyRoad'
90 )
91 GROUP BY customername
92 HAVING COUNT(*) >= 2;
93
94

```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
12	22:37:47	insert into Depositer values ('Avinash', 1), ('Dinesh', 2), ('Nikhil', 3), ('Ravi', 4), ('Avinash', 5)	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.032 sec
13	22:37:55	insert into Loan values (2, 'SBI_ResidencyRoad', 2000), (1, 'SBI_chamrajpet', 1000), (3, 'SBI_ShivajiRod', 3000), (4, 'SBI_parliament...', 4000)	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.016 sec
14	22:38:03	INSERT INTO BankAccount (accno, branchname, balance) VALUES (6, 'SBI_chamrajpet', 7000), (7, 'SBI_jantamantar', 4500), (8, 'SBI...', 3000)	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.016 sec
15	22:38:10	SELECT accno FROM BankAccount WHERE branchname = 'SBI_ResidencyRoad' LIMIT 0, 1000	2 row(s) returned	0.015 sec / 0.000 sec
16	22:38:31	SELECT customername, accno FROM Depositer WHERE accno IN (SELECT accno FROM BankAccount WHERE branchname = 'SBI_ResidencyRoad')	1 row(s) returned	0.000 sec / 0.000 sec
17	22:38:47	SELECT customername, COUNT(*) AS num_deposits FROM Depositer WHERE accno IN (SELECT accno FROM BankAccount WHERE branchname = 'SBI_ResidencyRoad') GROUP BY customername HAVING COUNT(*) >= 2	0 row(s) returned	0.016 sec / 0.000 sec

MySQL Workbench

SQL Learning x

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Query 1 x insurance

Limit to 1000 rows

```
73 FROM BankAccount
74 WHERE branchname = 'SBI_ResidencyRoad';
75
76 SELECT customername, accno
77 FROM Depositer
78 WHERE accno IN (
79     SELECT accno
80     FROM BankAccount
81     WHERE branchname = 'SBI_ResidencyRoad'
82 );
83
84 SELECT customername, COUNT(*) AS num_deposits
85 FROM Depositer
```

Result Grid

customername	accno
Dinesh	2
...	...

Depositer4 x

Output

#	Time	Action	Message	Duration / Fetch
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14	22:38:03	INSERT INTO BankAccount (accno, branchname, balance) VALUES (6, 'SBI_chamrajpet', 7000), (7, 'SBI_lantamantar', 4500), (8, '...	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.016 sec
15	22:38:10	SELECT accno FROM BankAccount WHERE branchname = 'SBI_ResidencyRoad' LIMIT 0, 1000	2 row(s) returned	0.015 sec / 0.000 sec
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17	22:38:47	SELECT customername, COUNT(*) AS num_deposits FROM Depositer WHERE accno IN (SELECT accno FROM BankAccou...	0 row(s) returned	0.016 sec / 0.000 sec
18	22:39:52	SELECT customername, accno FROM Depositer WHERE accno IN (SELECT accno FROM BankAccount WHERE branch...	1 row(s) returned	0.000 sec / 0.000 sec