

MySQL Workbench

Manju X

File Edit View Query Database Server Tools Scripting Help

Navigator insur bank03* emp01* supplier_parts_db*

SCHEMAS

Filter objects

- 1bm23cs061
- ayushman123
- bank
- bank03
- bank69
- bank1
- bank_database_117
- bank_database
- bank_database_117
- bank_databasee_117
- bankdatabase_117
- banks
- blank_database_117
- bm281
- car_insurance_11
- car_insurance_117
- college
- database_supplier
- emp
- emp01**
- Tables

Administration Schemas

No object selected

Result Grid

empno	pno	job_role
7499	101	Software Engineer
7499	102	Software Engineer
7521	101	Software Architect
7521	102	Software Engineer
7566	101	Project Manager
7654	102	Sales
7654	103	Cyber Security
7698	104	Software Engineer
7839	104	General Manager
7900	105	Software Engineer
*	NULL	NULL

dept 1 emp01 2 incentives 3 project 4 assigned_to5

Action Output

#	Time	Action	Message	Duration / Fetch
37	10:48:36	SELECT * FROM insur.accident LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
38	10:48:36	SELECT * FROM insur.participated LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
39	10:48:36	UPDATE insur.participated SET damage_amount=25000 WHERE reg_num = 'KA053408' AND report_num = 12	0 rows affected Rows matched: 1 Changed: 0 Warnings: 0	0.000 sec
40	10:48:36	SELECT * FROM insur.participated LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
41	10:48:36	INSERT INTO insur.accident VALUES (16, '2008-03-08', 'DOMULUR')	Error Code: 1062: Duplicate entry '16' for key 'accident.PRIMARY'	0.000 sec
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46	10:48:36	SELECT * FROM insur.accident ORDER BY accident_date LIMIT 0, 1000	-	0.000 sec / 0.000 sec

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- emp
- emp01
- Tables

Administration Schemas

No object selected

Result Grid

Filter Rows:

Edit: Export/Import: Wrap Cell Content:

pno	pname	ploc
101	AI Project	BENGALURU
102	IOT	HYDERABAD
103	BLOCKCHAIN	BENGALURU
104	DATA SCIENCE	MYSURU
105	AUTONOMUS SYSTEMS	PUNE
*	NULL	NULL

Form Editor

Field Types

Query Stats

dept 1 emp01 2 incentives 3 project 4 assigned_to5

Output

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Administration Schemas

No object selected

Result Grid

Filter Rows: Edit Export/Import Wrap Cell Content:

empno	incentive_date	incentive_amount
7499	2019-02-01	5000.00
7521	2019-02-01	8000.00
7521	2019-03-01	2500.00
7566	2022-02-01	5070.00
7654	2020-02-01	2000.00
7654	2022-04-01	879.00
7698	2019-03-01	500.00
7698	2020-03-01	9000.00
7698	2022-04-01	4500.00
*	NULL	NULL

Result Grid Form Editor Field Types Query Stats

dept 1 emp01 2 incentives 3 x project 4 assigned_to5

Output

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Administration Schemas

No object selected

Result Grid

empno	ename	mgr_no	hiredate	sal	deptno
7369	Adarsh	7902	2012-12-17	80000.00	20
7499	Shruthi	7698	2013-02-20	16000.00	30
7521	Anvitha	7698	2015-02-22	12500.00	30
7566	Tanvir	7839	2008-04-02	29750.00	20
7654	Ramesh	7698	2014-09-28	12500.00	30
7698	Kumar	7839	2015-05-01	28500.00	30
7782	CLARK	7839	2017-06-09	24500.00	10
7788	SCOTT	7566	2010-12-09	30000.00	20
7844	TURNER	7698	2010-09-08	15000.00	30
7876	ADAMS	7788	2013-01-12	11000.00	20
7900	JAMES	7698	2017-12-03	9500.00	30
7902	FORD	7566	2010-12-03	30000.00	20
*	NULL	NULL	NULL	NULL	NULL

Form Editor

Field Types

Query Stats

dept 1 emp01 2 incentives 3 project 4 assigned_to5

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Administration Schemas Information

No object selected

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

deptno	dname	loc
10	ACCOUNTING	MUMBAI
20	RESEARCH	BENGALURU
30	SALES	DELHI
40	OPERATIONS	CHENNAI
*	NULL	NULL

Result Grid Form Editor Field Types Query Stats

dept 1 x emp01 2 incentives 3 project 4 assigned_to5

Output Action Output

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Administration Schemas

No object selected

```

64 • INSERT INTO project VALUES('101','AI Project','BENGALURU');
65 • INSERT INTO project VALUES('102','IOT','HYDERABAD');
66 • INSERT INTO project VALUES('103','BLOCKCHAIN','BENGALURU');
67 • INSERT INTO project VALUES('104','DATA SCIENCE','MYSURU');
68 • INSERT INTO project VALUES('105','AUTONOMUS SYSTEMS','PUNE');

69
70 • INSERT INTO assigned_to VALUES('7499','101','Software Engineer');
71 • INSERT INTO assigned_to VALUES('7521','101','Software Architect');
72 • INSERT INTO assigned_to VALUES('7566','101','Project Manager');
73 • INSERT INTO assigned_to VALUES('7654','102','Sales');
74 • INSERT INTO assigned_to VALUES('7521','102','Software Engineer');
75 • INSERT INTO assigned_to VALUES('7499','102','Software Engineer');
76 • INSERT INTO assigned_to VALUES('7654','103','Cyber Security');
77 • INSERT INTO assigned_to VALUES('7698','104','Software Engineer');
78 • INSERT INTO assigned_to VALUES('7900','105','Software Engineer');
79 • INSERT INTO assigned_to VALUES('7839','104','General Manager');

80 • Select * from dept;
81
82 • select * from emp01;
83
84 • select * from incentives;
85

```

Result Grid

empno	pno	job_role
7499	101	Software Engineer
7499	102	Software Engineer
7521	101	Software Architect
7521	102	Software Engineer
7566	101	Project Manager

dept 1 emp01 2 incentives 3 project 4 assigned_to5 x

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Administration Schemas

No object selected

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

empno	pno	job_role
7499	101	Software Engineer
7499	102	Software Engineer
7521	101	Software Architect
7521	102	Software Engineer
7566	101	Project Manager

dept 1 emp01 2 incentives 3 project 4 assigned_to 5

Output:

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Administration Schemas

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insur bank03* emp01* supplier_parts_db*

Limit to 1000 rows

```

22     primary key(empno,incentive_date)
23   );
24 • Create table project (
25   pno int primary key,
26   pname varchar(30) not null,
27   ploc varchar(30)
28 );
29 • Create table assigned_to (
30   empno decimal(4,0) references emp(empno) on delete cascade on update cascade,
31   pno int references project(pno) on delete cascade on update cascade,
32   job_role varchar(30),
33   primary key(empno,pno)
34 );
35 • INSERT INTO dept VALUES (10,'ACCOUNTING','MUMBAI');
36 • INSERT INTO dept VALUES (20,'RESEARCH','BENGALURU');
37 • INSERT INTO dept VALUES (30,'SALES','DELHI');
38 • INSERT INTO dept VALUES (40,'OPERATIONS','CHENNAI');
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40 • INSERT INTO emp01 VALUES (7369,'Adarsh','7902','2012-12-17','80000.00','20');
41 • INSERT INTO emp01 VALUES (7499,'Shruthi','7698','2013-02-20','16000.00','30');
42 • INSERT INTO emp01 VALUES (7521,'Anvitha','7698','2015-02-22','12500.00','30');
43 • INSERT INTO emp01 VALUES (7566,'Tanvir','7839','2008-04-02','29750.00','20');

```

Result Grid

empno	pno	job_role
7499	101	Software Engineer
7499	102	Software Engineer
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```

1 •  create database emp01;
2 •  use emp01;
3
4 •  CREATE TABLE dept (
5    deptno decimal(2,0) primary key,
6    dname varchar(14) default NULL,
7    loc varchar(13) default NULL
8 );
9
10 • CREATE TABLE emp01 (
11    empno decimal(4,0) primary key,
12    ename varchar(10) default NULL,
13    mgr_no decimal(4,0) default NULL,
14    hiredate date default NULL,
15    sal decimal(7,2) default NULL,
16    deptno decimal(2,0) references dept(deptno) on delete cascade on update cascade
17 );
18 • create table incentives (
19    empno decimal(4,0) references emp(empno) on delete cascade on update cascade,
20    incentive_date date,
21    incentive_amount decimal(10,2),
22    primary key(empno,incentive_date)
-- 
```

Result Grid

empno	pno	job_role
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7521	101	Software Architect
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37	10:48:36	SELECT * FROM insur.accident LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
38	10:48:36	SELECT * FROM insur.participated LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
39	10:48:36	UPDATE insur.participated SET damage_amount=25000 WHERE reg_num = 'KA053408' AND report_num = 12	0 rows affected Rows matched: 1 Changed: 0 Warnings: 0	0.000 sec
40	10:48:36	SELECT * FROM insur.participated LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
41	10:48:36	INSERT INTO insur.accident VALUES (16, '2008-03-08', 'DOMULUR')	Error Code: 1062: Duplicate entry '16' for key 'accident.PRIMARY'	0.000 sec
42	10:48:36	SELECT * FROM insur.accident LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
43	10:48:36	SELECT accident_date, location FROM insur.accident LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
44	10:48:36	SELECT driver_id FROM insur.participated WHERE damage_amount >= 25000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
45	10:48:36	SELECT COUNT(DISTINCT a.driver_id) AS CNT FROM insur.participated a, insur.accident b WHERE a.report_num = b.report_num AND b.accident_...	1 row(s) returned	0.000 sec / 0.000 sec
46	10:48:36	SELECT * FROM insur.accident ORDER BY accident_date LIMIT 0, 1000	-	0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Manju X

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

1bm23cs061
ayushman123
bank
bank03
bank69
bank1
bank_database_117
bank_database_117
bank_database_117
bank_database_117
bankdatabase_157
banks
blank_database_117
bm281
car_insurance_11
car_insurance_117
college
database_supplier
emp
emp01
employe

Limit to 1000 rows

```

65 • insert into bank03.Depositer values("Ravi",5);
66 • insert into bank03.Depositer values("Avinash",8);
67 • insert into bank03.Depositer values("Nikil",9);
68 • insert into bank03.Depositer values("Dinesh",10);
69 • insert into bank03.Depositer values("Nikil",11);
70
71 • SELECT *FROM bank03.Depositer;
72
73 • insert into bank03.Loan values(1,"SBI_Chamrajpet",1000);
74 • insert into bank03.Loan values(2,"SBI_ResidencyRoad",2000);
75 • insert into bank03.Loan values(3,"SBI_ShivajiRoad",3000);
76 • insert into bank03.Loan values(4,"SBI_ParliamentRoad",4000);
77 • insert into bank03.Loan values(5,"SBI_Jantarmantar",5000);
78
79 • SELECT *FROM bank03.Loan;
80

```

Administration Schemas

Information

No object selected

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

Loan_number	Branch_name	Amount
1	SBI_Chamrajpet	1000
2	SBI_ResidencyRoad	2000
3	SBI_ShivajiRoad	3000
4	SBI_ParliamentRoad	4000
5	SBI_Jantarmantar	5000
NULL	NULL	NULL

Result Grid Form Editor Field Types

branch 1 BankCustomer 2 Depositer 3 Loan 4

Action Output

#	Time	Action	Message	Duration / Fetch
41	10:48:36	INSERT INTO insur.accident VALUES (16, '2008-03-08', 'DOMULUR')	Error Code: 1062. Duplicate entry '16' for key 'accident.PRIMARY'	0.000 sec
42	10:48:36	SELECT * FROM insur.accident LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
43	10:48:36	SELECT accident_date, location FROM insur.accident LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
44	10:48:36	SELECT driver_id FROM insur.participated WHERE damage_amount >= 25000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
45	10:48:36	SELECT COUNT(DISTINCT a.driver_id) AS CNT FROM insur.participated a, insur.accident b WHERE a.report_num = b.report_num AND b.accident_...	1 row(s) returned	0.000 sec / 0.000 sec
46	10:48:36	SELECT * FROM insur.car ORDER BY year ASC LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
47	10:48:36	SELECT COUNT(p.report_num) AS CNT FROM insur.car c, insur.participated p WHERE c.reg_num = p.reg_num AND c.model = 'LANCER' LIMIT 0, ...	1 row(s) returned	0.000 sec / 0.000 sec
48	10:48:37	SELECT * FROM insur.participated ORDER BY damage_amount DESC LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
49	10:48:37	SELECT a.name FROM insur.person a, insur.participated b WHERE a.driver_id = b.driver_id AND b.damage_amount > (SELECT AVG(damage_a...)	2 row(s) returned	0.000 sec / 0.000 sec
50	10:48:37	SELECT * FROM insur.accident WHERE accident_date < '2008-03-08' AND location = 'DOMULUR' LIMIT 0, 1000		0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Manju X

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

insur bank03* emp01* supplier_parts_db*

Limit to 1000 rows

```

65 • insert into bank03.Depositer values("Ravi",5);
66 • insert into bank03.Depositer values("Avinash",8);
67 • insert into bank03.Depositer values("Nikil",9);
68 • insert into bank03.Depositer values("Dinesh",10);
69 • insert into bank03.Depositer values("Nikil",11);
70
71 • SELECT *FROM bank03.Depositer;
72
73 • insert into bank03.Loan values(1,"SBI_Chamrajpet",1000);
74 • insert into bank03.Loan values(2,"SBI_ResidencyRoad",2000);
75 • insert into bank03.Loan values(3,"SBI_ShivajiRoad",3000);
76 • insert into bank03.Loan values(4,"SBI_ParliamentRoad",4000);
77 • insert into bank03.Loan values(5,"SBI_Jantarmantar",5000);
78
79 • SELECT *FROM bank03.Loan;
80

```

Administration Schemas

Information

No object selected

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

Customername	Accno
Avinash	1
Dinesh	2
Nikil	4
Ravi	5
Avinash	8
Nikil	9
Dinesh	10
Nikil	11
NULL	NULL

Result Grid Form Editor Field Types

branch 1 BankCustomer 2 Depositer 3 x Loan 4

Action Output

#	Time	Action	Message	Duration / Fetch
41	10:48:36	INSERT INTO insur.accident VALUES (16, '2008-03-08', 'DOMULUR')	Error Code: 1062. Duplicate entry '16' for key 'accident.PRIMARY'	0.000 sec
42	10:48:36	SELECT * FROM insur.accident LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
43	10:48:36	SELECT accident_date, location FROM insur.accident LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
44	10:48:36	SELECT driver_id FROM insur.participated WHERE damage_amount >= 25000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
45	10:48:36	SELECT COUNT(DISTINCT a.driver_id) AS CNT FROM insur.participated a, insur.accident b WHERE a.report_num = b.report_num AND b.accident_...	1 row(s) returned	0.000 sec / 0.000 sec
46	10:48:36	SELECT * FROM insur.car ORDER BY year ASC LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
47	10:48:36	SELECT COUNT(p.report_num) AS CNT FROM insur.car c, insur.participated p WHERE c.reg_num = p.reg_num AND c.model = 'LANCER' LIMIT 0, ...	1 row(s) returned	0.000 sec / 0.000 sec
48	10:48:37	SELECT * FROM insur.participated ORDER BY damage_amount DESC LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
49	10:48:37	SELECT a.name FROM insur.person a, insur.participated b WHERE a.driver_id = b.driver_id AND b.damage_amount > (SELECT AVG(damage_a...)	2 row(s) returned	0.000 sec / 0.000 sec
50	10:48:37	SELECT * FROM insur.accident WHERE accident_date < '2008-03-08' AND location = 'DOMULUR' LIMIT 0, 1000		0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Manju X

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- 1bm23cs061
- ayushman123
- bank
- bank03
- bank69
- bank1
- bank_database_117
- bank_database_117
- bank_database_117
- bankdatabase_117
- banks
- blank_database_117
- bm281
- car_insurance_11
- car_insurance_117
- college
- database_supplier
- emp
- emp01
- employe

Administration Schemas

Information

No object selected

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Result Grid | Form Editor | Field Types

```

55 • insert into bank03.BankCustomer values("Dinesh","Bannergatta_Road","Bangalore");
56 • insert into bank03.BankCustomer values("Mohan","NationalCollege","Bangalore");
57 • insert into bank03.BankCustomer values("Nikil","Akbar_Road","Delhi");
58 • insert into bank03.BankCustomer values("Ravi","Prithviraj_Road","Delhi");
59
60 • SELECT *FROM bank03.BankCustomer;
61
62 • insert into bank03.Depositer values("Avinash",1);
63 • insert into bank03.Depositer values("Dinesh",2);
64 • insert into bank03.Depositer values("Nikil",4);
65 • insert into bank03.Depositer values("Ravi",5);
66 • insert into bank03.Depositer values("Avinash",8);
67 • insert into bank03.Depositer values("Nikil",9);
68 • insert into bank03.Depositer values("Dinesh",10);
69 • insert into bank03.Depositer values("Nikil",11);
70
71 • SELECT *FROM bank03.Depositer;
    
```

Customername	Customer_street	CustomerCity
Avinash	Bull_Temple_Road	Bangalore
Dinesh	Bannergatta_Road	Bangalore
Mohan	NationalCollege	Bangalore
Nikil	Akbar_Road	Delhi
Ravi	Prithviraj_Road	Delhi
*	NULL	NULL

branch 1 BankCustomer 2 Depositer 3 Loan 4

Action Output

#	Time	Action	Message	Duration / Fetch
41	10:48:36	INSERT INTO insur.accident VALUES (16, '2008-03-08', 'DOMULUR')	Error Code: 1062. Duplicate entry '16' for key 'accident.PRIMARY'	0.000 sec
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43	10:48:36	SELECT accident_date, location FROM insur.accident LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
44	10:48:36	SELECT driver_id FROM insur.participated WHERE damage_amount >= 25000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
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50	10:48:37	SELECT * FROM insur.accident WHERE accident_date = '2008-03-08' AND location = 'DOMULUR' LIMIT 0, 1000		0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

Manju X

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

1bm23cs061
ayushman123
bank
bank03
bank69
bank1
bank_database_117
bank_database_117
bank_database_117
bank_database_117
bankdatabase_157
banks
blank_database_117
bm281
car_insurance_11
car_insurance_117
college
database_supplier
emp
emp01
employe

Administration Schemas

No object selected

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Result Grid | Form Editor | Field Types

Branch_name	Branch_city	assets
SBI_Chamrajpet	Bangalore	60000
SBI_Jantarmantar	Delhi	70000
SBI_ParliamentRoad	Delhi	40000
SBI_ResidencyRoad	Bangalore	20000
SBI_ShivajiRoad	Bombay	30000
*	NULL	NULL

branch 1 x BankCustomer 2 Depositer 3 Loan 4

Action Output

#	Time	Action	Message	Duration / Fetch
41	10:48:36	INSERT INTO insur.accident VALUES (16, '2008-03-08', 'DOMULUR')	Error Code: 1062. Duplicate entry '16' for key 'accident.PRIMARY'	0.000 sec
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Object Info Session

MySQL Workbench

Manju X

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

1bm23cs061
ayushman123
bank
bank03
bank069
bank1
bank_database_117
bank_database_117
bank_database_117
bank_database_117
bankdatabase_157
banks
blank_database_117
bm281
car_insurance_11
car_insurance_117
college
database_supplier
emp
emp01
employe

Administration Schemas

Information

No object selected

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Result Grid | Form Editor | Field Types

branch 1 BankCustomer 2 Depositor 3 Loan 4

Action Output

#	Time	Action	Message	Duration / Fetch
41	10:48:36	INSERT INTO insur.accident VALUES (16, '2008-03-08', 'DOMULUR')	Error Code: 1062. Duplicate entry '16' for key 'accident.PRIMARY'	0.000 sec
42	10:48:36	SELECT * FROM insur.accident LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
43	10:48:36	SELECT accident_date, location FROM insur.accident LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
44	10:48:36	SELECT driver_id FROM insur.participated WHERE damage_amount >= 25000 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
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49	10:48:37	SELECT a.name FROM insur.person a, insur.participated b WHERE a.driver_id = b.driver_id AND b.damage_amount > (SELECT AVG(damage_a...)	2 row(s) returned	0.000 sec / 0.000 sec
50	10:48:37	SELECT * FROM insur.accident WHERE accident_date < '2008-03-08' AND location = 'DOMULUR' LIMIT 0, 1000		0.000 sec / 0.000 sec

Object Info Session