

```
Command Prompt - mysql -u x + v
| student |
| students |
+-----+
7 rows in set (0.01 sec)

mysql> alter table students add column city2 varchar(20) default 'Pune';
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> select * from students;
+----+-----+-----+-----+-----+-----+
| id | name | standard | age | city | city2 |
+----+-----+-----+-----+-----+-----+
| 1 | Ram | ty | 20 | Pune | Pune |
| 2 | sham | TY | 20 | Pune | Pune |
+----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> select * from emp;
+----+-----+-----+-----+-----+-----+-----+-----+
| eno | ename | designation | salary | date_of_joining | email | city | phone_no |
+----+-----+-----+-----+-----+-----+-----+-----+
| 1 | Mr. Advait | Sr.Assistant | 56700 | 22/07/2024 | advait@gmail.com | Mumbai | NULL |
| 2 | Mr. Raghav | Sr.Manager | 441000 | 22/07/2024 | raghav@gmail.com | Mumbai | NULL |
| 3 | Mr. Roy | CEO | 598500 | 22/07/2024 | roy@gmail.com | Pune | NULL |
| 4 | Mr. Gautam | AGM | 450000 | 22/07/2019 | gautam@gmail.com | Pune | 123 |
+----+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select * from emp where salary >= 10000 and designation = 'CEO';
+----+-----+-----+-----+-----+-----+-----+-----+
| eno | ename | designation | salary | date_of_joining | email | city | phone_no |
+----+-----+-----+-----+-----+-----+-----+-----+
| 3 | Mr. Roy | CEO | 598500 | 22/07/2024 | roy@gmail.com | Pune | NULL |
+----+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
```

MySQL Workbench

hp x

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration

- Schemas
- Information

No object selected

SQL Editor

```
1. use demo;
2. show tables;
3. select ename from emp where city='Pune' or city='Mumbai';
```

Result Grid

| ename      |
|------------|
| Mr. Advait |
| Mr. Raghav |
| Mr. Roy    |
| Mr. Gautam |

Result 5 emp 6 x

Output

Action Output

| #  | Time     | Action   | Message           | Duration / Fetch      |
|----|----------|--|-------------------|-----------------------|
| 7  | 10:04:54 | use demo   | 0 row(s) affected | 0.000 sec             |
| 8  | 10:04:54 | show tables  | 7 row(s) returned | 0.000 sec / 0.000 sec |
| 9  | 10:04:54 | select ename from emp where city='Pune' or city='Mumbai' LIMIT 0, 1000 | 4 row(s) returned | 0.000 sec / 0.000 sec |
| 10 | 10:05:33 | use demo   | 0 row(s) affected | 0.000 sec             |
| 11 | 10:05:33 | show tables  | 7 row(s) returned | 0.000 sec / 0.000 sec |
| 12 | 10:05:33 | select ename from emp where city='Pune' or city='Mumbai' LIMIT 0, 1000 | 4 row(s) returned | 0.000 sec / 0.000 sec |

Object Info Session

SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

MySQL Workbench

hp x

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

SQL editor

```
1 use demo;
2 show tables;
3 select ename from emp where city='Pune' or city='Mumbai';
4 select * from emp where salary>50000 and (designation='Manager' or designation='CEO');
```

Result Grid

| eno | ename   | designation | salary | date_of_joining | email         | city | phone_no |
|-----|---------|-------------|--------|-----------------|---------------|------|----------|
| 3   | Mr. Roy | CEO         | 598500 | 22/07/2024      | roy@gmail.com | Pune | 123      |

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Output

| #  | Time     | Action  | Message           | Duration / Fetch      |
|----|----------|---|-------------------|-----------------------|
| 15 | 10:07:32 | select ename from emp where city='Pune' or city='Mumbai' LIMIT 0, 1000                              | 4 row(s) returned | 0.000 sec / 0.000 sec |
| 16 | 10:07:32 | select * from emp where salary>50000 and (designation='Manager' or designation='CEO') LIMIT 0, 1000 | 1 row(s) returned | 0.000 sec / 0.000 sec |
| 17 | 10:08:16 | use demo  | 0 row(s) affected | 0.000 sec             |
| 18 | 10:08:16 | show tables   | 7 row(s) returned | 0.016 sec / 0.000 sec |
| 19 | 10:08:16 | select ename from emp where city='Pune' or city='Mumbai' LIMIT 0, 1000                              | 4 row(s) returned | 0.000 sec / 0.000 sec |
| 20 | 10:08:16 | select * from emp where salary>50000 and (designation='Manager' or designation='CEO') LIMIT 0, 1000 | 1 row(s) returned | 0.000 sec / 0.000 sec |

Object Info Session

74°F Cloudy

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10:08

23-07-2024

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File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

SQL editor

```
1 use demo;
2 show tables;
3 select ename from emp where city='Pune' or city='Mumbai';
4 select * from emp where salary>50000 and (designation='Manager' or designation='CEO');
5 set SQL_SAFE_UPDATES=0;
6 update emp set salary=salary*(salary*0.05) where salary>50000 and phone_no=123;
7 select * from emp;
```

Result Grid

| eno | ename      | designation   | salary | date_of_joining | email            | city   | phone_no |
|-----|------------|---------------|--------|-----------------|------------------|--------|----------|
| 1   | Mr. Advait | Sr. Assistant | 56700  | 22/07/2024      | advait@gmail.com | Mumbai | 123      |
| 2   | Mr. Raghav | Sr. Manager   | 441000 | 22/07/2024      | raghav@gmail.com | Mumbai | 123      |
| 3   | Mr. Roy    | CEO           | 598500 | 22/07/2024      | roy@gmail.com    | Pune   | 123      |
| 4   | Mr. Gautam | AGM           | 472500 | 22/07/2019      | gautam@gmail.com | Pune   | 123      |

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Output

| #  | Time     | Action  | Message  | Duration / Fetch      |
|----|----------|---|--|-----------------------|
| 46 | 10:14:15 | show tables   | 7 row(s) returned  | 0.016 sec / 0.000 sec |
| 47 | 10:14:15 | select ename from emp where city='Pune' or city='Mumbai' LIMIT 0, 1000                              | 4 row(s) returned  | 0.000 sec / 0.000 sec |
| 48 | 10:14:15 | select * from emp where salary>50000 and (designation='Manager' or designation='CEO') LIMIT 0, 1000 | 1 row(s) returned  | 0.000 sec / 0.000 sec |
| 49 | 10:14:15 | set SQL_SAFE_UPDATES=0  | 0 row(s) affected  | 0.000 sec             |
| 50 | 10:14:15 | update emp set salary=salary*(salary*0.05) where salary>50000 and phone_no=123                      | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 | 0.000 sec             |
| 51 | 10:14:15 | select * from emp LIMIT 0, 1000   | 4 row(s) returned  | 0.000 sec / 0.000 sec |

Object Info Session

74°F Cloudy

Search

ENG IN

10:14

23-07-2024

```
Command Prompt - mysql -u x + -
+-----+-----+-----+-----+-----+-----+-----+
| 3 | Mr.Roy | CEO | 598500 | 22/07/2024 | roy@gmail.com | Pune | NULL |
| 4 | Mr.Gautam | AGM | 450000 | 22/07/2019 | gautam@gmail.com | Pune | 123 |
+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> desc emp;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| eno | int | NO | PRI | NULL | |
| ename | varchar(20) | YES | | NULL | |
| designation | varchar(20) | YES | | NULL | |
| salary | float | YES | | NULL | |
| date_of_joining | varchar(20) | YES | | NULL | |
| email | varchar(20) | YES | | NULL | |
| city | varchar(20) | YES | | NULL | |
| phone_no | int | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.00 sec)

mysql> insert into emp values(6,'abc','assistant',10000,'22/06/2023',NULL,NULL,NULL);
ERROR 1062 (23000): Duplicate entry '6' for key 'emp.PRIMARY'
mysql> insert into emp values(5,'abc','assistant',10000,'22/06/2023',NULL,NULL,NULL);
Query OK, 1 row affected (0.03 sec)

mysql> delete from emp where eno>=5;
Query OK, 2 rows affected (0.01 sec)

mysql> select * from emp;
+-----+-----+-----+-----+-----+-----+-----+
| eno | ename | designation | salary | date_of_joining | email | city | phone_no |
+-----+-----+-----+-----+-----+-----+-----+
| 1 | Mr.Advait | Sr.Assistant | 56700 | 22/07/2024 | advait@gmail.com | Mumbai | NULL |
| 2 | Mr.Raghav | Sr.Manager | 441000 | 22/07/2024 | raghav@gmail.com | Mumbai | NULL |
| 3 | Mr.Roy | CEO | 598500 | 22/07/2024 | roy@gmail.com | Pune | NULL |
| 4 | Mr.Gautam | AGM | 574327 | 22/07/2019 | gautam@gmail.com | Pune | 123 |
+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql>
```

MySQL Workbench

hp x

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

SQL Editor

```
6 • update emp set salary=salary*(salary*0.05) where salary>=50000 and phone_no=123;
7 • select * from emp;
8 • insert into emp values(6,'abc','assistant',10000,'22/06/2023',NULL,NULL,NULL);
9 • select * from emp;
10 • delete from emp where eno>=5;
11 • select * from emp;
12 • select distinct city from emp;
```

Result Grid

| city   |
|--------|
| Mumbai |
| Pune   |

Result 54 emp 55 emp 56 emp 57 emp 58 emp 59 emp 60 x

Output

| #   | Time     | Action  | Message           | Duration / Fetch      |
|-----|----------|---|-------------------|-----------------------|
| 101 | 10:27:44 | select * from emp LIMIT 0.1000  | 4 row(s) returned | 0.000 sec / 0.000 sec |
| 102 | 10:27:44 | insert into emp values(5,'abc','assistant',10000,'22/06/2023',NULL,NULL,NULL) | 1 row(s) affected | 0.000 sec             |
| 103 | 10:27:44 | select * from emp LIMIT 0.1000  | 5 row(s) returned | 0.000 sec / 0.000 sec |
| 104 | 10:27:44 | delete from emp where eno>=5  | 1 row(s) affected | 0.016 sec             |
| 105 | 10:27:44 | select * from emp LIMIT 0.1000  | 4 row(s) returned | 0.000 sec / 0.000 sec |
| 106 | 10:27:44 | select distinct city from emp LIMIT 0.1000                                    | 2 row(s) returned | 0.000 sec / 0.000 sec |

Object Info Session

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MySQL Workbench

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File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

SQL Editor

```
7 • select * from emp;
8 • insert into emp values(6,'abc','assistant',10000,'22/06/2023',NULL,NULL,NULL);
9 • select * from emp;
10 • delete from emp where eno=5;
11 • select * from emp;
12 • select distinct city from emp;
13 • select distinct date_of_joining from emp where eno=2;
```

Result Grid

| date_of_joining |
|-----------------|
| 22/07/2024      |
| 22/07/2019      |

Output

| #   | Time     | Action  | Message           | Duration / Fetch      |
|-----|----------|---|-------------------|-----------------------|
| 127 | 10:30:14 | insert into emp values(6,'abc','assistant',10000,'22/06/2023',NULL,NULL,NULL) | 1 row(s) affected | 0.016 sec             |
| 128 | 10:30:14 | select * from emp LIMIT 0, 1000   | 5 row(s) returned | 0.000 sec / 0.000 sec |
| 129 | 10:30:14 | delete from emp where eno=5   | 1 row(s) affected | 0.015 sec             |
| 130 | 10:30:14 | select * from emp LIMIT 0, 1000   | 4 row(s) returned | 0.000 sec / 0.000 sec |
| 131 | 10:30:14 | select distinct city from emp LIMIT 0, 1000                                   | 2 row(s) returned | 0.000 sec / 0.000 sec |
| 132 | 10:30:14 | select distinct date_of_joining from emp where eno=2 LIMIT 0, 1000            | 2 row(s) returned | 0.000 sec / 0.000 sec |

Object Info Session

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Search

ENG IN 10:30 23-07-2024

MySQL Workbench

hp x

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

SQL Editor

```
8 • insert into emp values(6,'abc','assistant',10000,'22/06/2023',NULL,NULL,NULL);
9 • select * from emp;
10 • delete from emp where eno=5;
11 • select * from emp;
12 • select distinct city from emp;
13 • select distinct date_of_joining from emp where eno=2;
14 • select city from emp where designation='CEO';
```

Result Grid

| city |
|------|
| Pune |

Output

| #   | Time     | Action   | Message           | Duration / Fetch      |
|-----|----------|--|-------------------|-----------------------|
| 141 | 10:33:26 | select * from emp LIMIT 0, 1000                                    | 5 row(s) returned | 0.000 sec / 0.000 sec |
| 142 | 10:33:26 | delete from emp where eno=5  | 1 row(s) affected | 0.000 sec             |
| 143 | 10:33:26 | select * from emp LIMIT 0, 1000                                    | 4 row(s) returned | 0.000 sec / 0.000 sec |
| 144 | 10:33:26 | select distinct city from emp LIMIT 0, 1000                        | 2 row(s) returned | 0.000 sec / 0.000 sec |
| 145 | 10:33:26 | select distinct date_of_joining from emp where eno=2 LIMIT 0, 1000 | 2 row(s) returned | 0.000 sec / 0.000 sec |
| 146 | 10:33:26 | select city from emp where designation='CEO' LIMIT 0, 1000         | 1 row(s) returned | 0.000 sec / 0.000 sec |

Object Info Session

74°F Cloudy

Search

ENG IN 10:33 23-07-2024

MySQL Workbench

hp x

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

emp 99 x

Output

Action Output

| #   | Time     | Action   | Message   | Duration / Fetch      |
|-----|----------|--|---|-----------------------|
| 168 | 10:50:40 | select * from emp where salary >= 50000 and (designation = 'Manager' or designation = 'CEO') LIMIT 0, 1000 | 2 row(s) returned   | 0.000 sec / 0.000 sec |
| 169 | 10:50:40 | set SQL_SAFE_UPDATES=0   | 0 row(s) affected   | 0.000 sec             |
| 170 | 10:50:40 | update emp set salary=salary*(salary*0.05) where salary >= 50000 and phone_no=123                          | 0 row(s) affected Rows matched: 0 Changed: 0 Warnings: 0    | 0.016 sec             |
| 171 | 10:50:40 | select * from emp LIMIT 0, 1000  | 8 row(s) returned   | 0.000 sec / 0.000 sec |
| 172 | 10:50:48 | insert into emp values(5,'abc','assistant',10000,22/06/2023,NULL,NULL,NULL)                                | Error Code: 1062. Duplicate entry '5' for key 'emp.PRIMARY' | 0.000 sec             |
| 173 | 10:50:48 | select * from emp where (salary between 10000 and 800000) and city='Pune' LIMIT 0, 1000                    | 2 row(s) returned   | 0.000 sec / 0.000 sec |

Object Info Session

74°F Cloudy

Search

ENG IN

10:52

23-07-2024

MySQL Workbench

hp x

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

emp 100 x

Output

Action Output

| #   | Time     | Action  | Message   | Duration / Fetch      |
|-----|----------|---|---|-----------------------|
| 169 | 10:50:40 | set SQL_SAFE_UPDATES=0  | 0 row(s) affected   | 0.000 sec             |
| 170 | 10:50:40 | update emp set salary=salary*(salary*0.05) where salary >= 50000 and phone_no=123       | 0 row(s) affected Rows matched: 0 Changed: 0 Warnings: 0    | 0.016 sec             |
| 171 | 10:50:40 | select * from emp LIMIT 0, 1000   | 8 row(s) returned   | 0.000 sec / 0.000 sec |
| 172 | 10:50:40 | insert into emp values(5,'abc','assistant',10000,22/06/2023,NULL,NULL,NULL)             | Error Code: 1062. Duplicate entry '5' for key 'emp.PRIMARY' | 0.000 sec             |
| 173 | 10:50:48 | select * from emp where (salary between 10000 and 800000) and city='Pune' LIMIT 0, 1000 | 2 row(s) returned   | 0.000 sec / 0.000 sec |
| 174 | 10:52:13 | select ename from emp where (eno between 1 and 5) or ename='Mr.Advait' LIMIT 0, 1000    | 5 row(s) returned   | 0.015 sec / 0.000 sec |

Object Info Session

74°F Cloudy

Search

ENG IN

10:52

23-07-2024



MySQL Workbench

hp x

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

emp 101 x

Output

Action Output

| #   | Time     | Action  | Message   | Duration / Fetch      |
|-----|----------|---|---|-----------------------|
| 171 | 10:50:40 | select * from emp LIMIT 0, 1000   | 8 row(s) returned   | 0.000 sec / 0.000 sec |
| 172 | 10:50:40 | insert into emp values(5,'abc','assistant',10000,22/06/2023,NULL,NULL,NULL)             | Error Code: 1062. Duplicate entry '5' for key 'emp.PRIMARY' | 0.000 sec             |
| 173 | 10:50:48 | select * from emp where (salary between 10000 and 800000) and city='Pune' LIMIT 0, 1000 | 2 row(s) returned   | 0.000 sec / 0.000 sec |
| 174 | 10:52:13 | select ename from emp where (eno between 1 and 5) or ename='Mr.Advait' LIMIT 0, 1000    | 5 row(s) returned   | 0.015 sec / 0.000 sec |
| 175 | 10:52:30 | update emp set city='Pune' where salary between 50000 and 100000                        | 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0    | 0.015 sec             |
| 176 | 10:52:38 | select * from emp LIMIT 0, 1000   | 8 row(s) returned   | 0.015 sec / 0.000 sec |

Object Info Session

74°F Cloudy

Search

ENG IN

10:52 23-07-2024

MySQL Workbench

hp x

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information

No object selected

emp 1 x

Output

Action Output

| # | Time     | Action   | Message   | Duration / Fetch      |
|---|----------|--|---|-----------------------|
| 1 | 13:00:21 | select * from emp where city in('nashik','nagpur') LIMIT 0, 1000 | Error Code: 1046. No database selected Select the default DB to be used by double-clicking its name in the SCH... | 0.000 sec             |
| 2 | 13:00:30 | use demo   | 0 row(s) affected   | 0.015 sec             |
| 3 | 13:00:37 | select * from emp where city in('nashik','nagpur') LIMIT 0, 1000 | 2 row(s) returned   | 0.000 sec / 0.000 sec |

Object Info Session

ENG IN

01:00 23-07-2024