```
Enter password: ****
Welcome to the MySQL monitor. Commands end with; or \g.
Your MySQL connection id is 15
Server version: 8.0.30 MySQL Community Server - GPL
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affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> create database dbfirst;
Query OK, 1 row affected (0.01 sec)
mysql> show databases;
+----+
| Database |
+----+
| dbfirst |
| information_schema |
mysql
          | performance_schema |
sys
        +----+
5 rows in set (0.03 sec)
mysql> use dbfirst;
Database changed
mysql> create table kajol(k_id int,k_name varchar(14);k_age int);
```

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near " at line 1

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'k_age int)' at line 1

```
mysql> create table kajol(k_id int, k_name varchar(14), k_age int);
```

Query OK, 0 rows affected (0.06 sec)

mysql> insert into kajol vaues

- ->
- ->
- ->

XXXXX

- -> xxxxx
- -> ^x^c
- -> insert into kajol vaues(1,"rudhra",12);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'vaues

```
^x^c insert into kajol vaues(1,"rudhra",12)' at line 1
```

mysql> insert into kajol vaues(1,"rudhra",12);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'vaues(1,"rudhra",12)' at line 1

```
mysql> insert into kajol values(1,"rudhra",12);
```

Query OK, 1 row affected (0.02 sec)

mysql> insert into kajol values("ramya",10);

ERROR 1136 (21S01): Column count doesn't match value count at row 1

mysql> insert into kajol values(2,"ramya",10);

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into kajol values(3,"reshma",11);
Query OK, 1 row affected (0.01 sec)
mysql> select * from kajol;
+----+
| k_id | k_name | k_age |
+----+
| 1 | rudhra | 12 |
| 2 | ramya | 10 |
| 3 | reshma | 11 |
+----+
3 rows in set (0.00 sec)
mysql> create table swetha(s_id int, s_name varchar(14), s_age int);
Query OK, 0 rows affected (0.04 sec)
mysql> insert into swetha values(1,"aishwarya",12);
Query OK, 1 row affected (0.01 sec)
mysql> insert into swetha values(2,"shanthini",10);
Query OK, 1 row affected (0.01 sec)
mysql> insert into swetha values(3,"shanthini",11);
Query OK, 1 row affected (0.01 sec)
mysql> select * from swetha;
+----+
| s_id | s_name | s_age |
+----+
| 1 | aishwarya | 12 |
```

```
| 2 | shanthini | 10 |
| 3 | shanthini | 11 |
+----+
3 rows in set (0.00 sec)
mysql> insert into swetha values(1,"Ragini",13);
Query OK, 1 row affected (0.01 sec)
mysql> select * from swetha;
+----+
| s_id | s_name | s_age |
+----+
| 1 | aishwarya | 12 |
| 2 | shanthini | 10 |
| 3 | shanthini | 11 |
| 1 | Ragini | 13 |
+----+
4 rows in set (0.00 sec)
mysql> insert into swetha(s_name,s_age(2,"karunya",12);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near '(2,"karunya",12)' at line 1
mysql> insert into swetha(s id s name, s age(2,"karunya",12);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near 's_name, s_age(2,"karunya",12)' at line 1
mysql> insert into swetha(s_id s_name, s_age(4,"karunya",12);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near 's_name, s_age(4,"karunya",12)' at line 1
mysql> insert into swetha(s_id, s_name, s_age,values("Meena","13"));
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near 'values("Meena","13"))' at line 1
mysql> insert into swetha(s_id, s_name, s_age, values("Meena","13"));
```

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'values("Meena","13"))' at line 1

Enter password: ****
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owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement. mysql> show databases; +
Database
++
dbfirst
information_schema
mysql
performance_schema
sys
+
5 rows in set (0.03 sec)

mysql> use dbfirst;

```
Database changed
mysql> select* from kajol;
+----+
| k_id | k_name | k_age |
+----+
| 1 | rudhra | 12 |
| 2 | ramya | 10 |
| 3 | reshma | 11 |
+----+
3 rows in set (0.00 sec)
mysql> alter table kajol add(k_address varchar() );
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near ') )' at line 1
mysql> alter table kajol add(k_address varchar());
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near ') )' at line 1
mysql> alter table kajol add(k_address varchar(20));
Query OK, 0 rows affected (0.10 sec)
Records: 0 Duplicates: 0 Warnings: 0
mysql> select* from kajol;
+----+
| k_id | k_name | k_age | k_address |
+----+
| 1 | rudhra | 12 | NULL |
| 2 | ramya | 10 | NULL
| 3 | reshma | 11 | NULL
+----+
3 rows in set (0.00 sec)
mysql> alter table kajol drop(k_id);
```

your MySQL server version for the right syntax to use near '(k_id)' at line 1 mysql> alter table kajol drop column k_id; Query OK, 0 rows affected (0.03 sec) Records: 0 Duplicates: 0 Warnings: 0 mysql> select* from kajol; +----+ | k_name | k_age | k_address | +----+ | rudhra | 12 | NULL | | ramya | 10 | NULL | | reshma | 11 | NULL | +----+ 3 rows in set (0.00 sec) mysql> truncate table kajol; Query OK, 0 rows affected (0.05 sec) mysql> select* from kajol; Empty set (0.00 sec) mysql> drop table kajol; Query OK, 0 rows affected (0.03 sec) mysql> select* from kajol; ERROR 1146 (42S02): Table 'dbfirst.kajol' doesn't exist mysql> show table; ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near " at line 1 mysql> show databases; +----+

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to

Database	1
+	·+
dbfirst	I
information	n_schema
mysql	I
performar	ce_schema
sys	
+	·+
5 rows in se	t (0.00 sec)
mysql>	
Enter passw	ord: ****
-	the MySQL monitor. Commands end with ; or \g.
	connection id is 21
-	on: 8.0.30 MySQL Community Server - GPL
50.70.70.5.	on sions with a content of the conte
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affiliates. Of	her names may be trademarks of their respective
owners.	
Type 'heln:'	or '\h' for help. Type '\c' to clear the current input statement.
. , p =c.p,	2. The second of
mysql> crea	te database dbsample;
Query OK, 1	row affected (0.01 sec)
mysql> use	dbsample
Database ch	

```
Query OK, 0 rows affected (0.11 sec)
mysql> desc employee;
+----+
| Field | Type | Null | Key | Default | Extra |
+----+
| Emp_Id | int | YES | NULL | |
| Emp_Name | varchar(20) | YES | NULL |
| Emp_salary | int | YES | NULL | |
+----+
3 rows in set (0.02 sec)
mysql> insert into empolyee(01,"aishwarya",20000);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near '01," aishwarya",20000)' at line 1
mysql> insert into empolyee values(01,"aishwarya",20000);
ERROR 1146 (42S02): Table 'dbsample.empolyee' doesn't exist
mysql> insert into Employee values(01,"aishwarya",20000);
Query OK, 1 row affected (0.01 sec)
mysql> select*from Employee;
+----+
| Emp_Id | Emp_Name | Emp_salary |
+----+
   1 | aishwarya | 20000 |
+----+
1 row in set (0.00 sec)
mysql> insert into Employee values(02,"rudhra",10000);
Query OK, 1 row affected (0.01 sec)
```

mysql> create table Employee(Emp_Id int, Emp_Name varchar(20), Emp_salary int);

```
mysql> insert into Employee values(02,"rudhra",10000),
 -> (03,"ramya",23000),
 -> (04,"swetha",30000);
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0
mysql> select*from Employee;
+----+
| Emp_Id | Emp_Name | Emp_salary |
+----+
  1 | aishwarya | 20000 |
   2 | rudhra | 10000 |
  2 | rudhra | 10000 |
  3 | ramya | 23000 |
   4 | swetha | 30000 |
+----+
5 rows in set (0.00 sec)
mysql> update Employee
 ->
 ->;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near " at line 1
mysql> update Employee
 -> set Emp_salary = 40000
 -> var Emp_Id = 04;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near 'var Emp_Id = 04' at line 3
mysql> update Employee
 -> -> set Emp_salary = 40000
```

-> -> var Emp_Id = 04;

```
your MySQL server version for the right syntax to use near '-> set Emp_salary = 40000
 -> var Emp Id = 04' at line 2
mysql> update Empoyee
 -> set Emp_saary = 40000
 -> where Emp_Id = 04;
ERROR 1146 (42S02): Table 'dbsample.empoyee' doesn't exist
mysql> update Employee -> set Emp_salary = 5000 -> where Emp_ld = 104;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near '-> set Emp_salary = 5000 -> where
Emp_Id = 104' at line 1
mysql> update Employee
 -> set Emp_salary = 40000
 -> where Emp_Id = 04;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> select*from Employee;
+----+
| Emp_Id | Emp_Name | Emp_salary |
   1 | aishwarya | 20000 |
   2 | rudhra | 10000 |
   2 | rudhra | 10000 |
   3 | ramya | 23000 |
   4 | swetha | 40000 |
5 rows in set (0.00 sec)
mysql> delete from Employee
 -> where Emp_Id = 03;
```

Query OK, 1 row affected (0.01 sec)

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to

```
mysql> select*from Employee;
| Emp_Id | Emp_Name | Emp_salary |
+----+
| 1 | aishwarya | 20000 |
| 2 | rudhra | 10000 |
| 2 | rudhra | 10000 |
| 4 | swetha | 40000 |
+----+
4 rows in set (0.00 sec)
mysql> delete from Employee;
Query OK, 4 rows affected (0.01 sec)
mysql> select*from Employee;
Empty set (0.00 sec)
mysql> delete from Employee;
Query OK, 0 rows affected (0.00 sec)
mysql> select*from Employee;
Empty set (0.00 sec)
mysql> truncate table Employee;
Query OK, 0 rows affected (0.05 sec)
mysql> select*from Employee;
Empty set (0.00 sec)
mysql>
```

```
Enter password: ****
Welcome to the MySQL monitor. Commands end with; or \g.
Your MySQL connection id is 25
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affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> create database names;
Query OK, 1 row affected (0.01 sec)
mysql> ^C
mysql> show databases;
+----+
| Database
+----+
| candidates
courses
| dbfirst
| dbsample
| information_schema |
| languages
| mysql
names
```

```
| performance_schema |
student
sys
| teacher
12 rows in set (0.01 sec)
mysql> use names;
Database changed
mysql> create table names(names_id int, names_name varchar(14), names_age int);
Query OK, 0 rows affected (0.04 sec)
mysql> insert into names values(1,"moni",22);
Query OK, 1 row affected (0.01 sec)
mysql> insert into names values(2,"neha",23);
Query OK, 1 row affected (0.01 sec)
mysql> insert into names values(3,"pavi",24);
Query OK, 1 row affected (0.01 sec)
mysql> insert into names values(3,"aishu",25);
Query OK, 1 row affected (0.01 sec)
mysql> select * from names;
+----+
| names_id | names_name | names_age |
+----+
    1 | moni | 22 |
    2 | neha |
                    23 |
    3 | pavi |
                   24 |
```

```
| 3 | aishu | 25 |
4 rows in set (0.00 sec)
mysql> create table prem(prem_id int, prem_name varchar(14), prem_age int);
Query OK, 0 rows affected (0.04 sec)
mysql> insert into prem values(1,"mathivanan",45);
Query OK, 1 row affected (0.01 sec)
mysql> insert into prem values(2,"savithiri",40);
Query OK, 1 row affected (0.01 sec)
mysql> insert into prem values(3,"jishnu",17);
Query OK, 1 row affected (0.01 sec)
mysql> select * from prem;
+----+
| prem_id | prem_name | prem_age |
+----+
| 1 | mathivanan | 45 |
| 2 | savithiri | 40 |
| 3 | jishnu | 17 |
+----+
3 rows in set (0.00 sec)
mysql> select name from names where age=40;
ERROR 1054 (42S22): Unknown column 'name' in 'field list'
mysql> show*from names;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near '*from names' at line 1
```

```
mysql> select prem from names where age=40;
ERROR 1054 (42S22): Unknown column 'prem' in 'field list'
mysql> select*from names;
+----+
| names_id | names_name | names_age |
+----+
    1 | moni | 22 |
    2 | neha | 23 |
    3 | pavi |
                   24 |
    3 | aishu | 25 |
+----+
4 rows in set (0.00 sec)
mysql> select names_name from names where_age=23;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near '=23' at line 1
mysql> select names_name from names where names_age=23;
+----+
| names name |
+----+
| neha |
+----+
1 row in set (0.00 sec)
mysql> insert into names valus(4,"ravi",23),(5,"raju",25);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near 'valus(4,"ravi",23),(5,"raju",25)' at line 1
mysql> insert into names values(4,"ravi",23),(5,"raju",25);
Query OK, 2 rows affected (0.01 sec)
Records: 2 Duplicates: 0 Warnings: 0
mysql> select* from names;
```

```
+----+
| names_id | names_name | names_age |
+----+
   1 | moni | 22 |
   2 | neha | 23 |
   3 | pavi |
               24 |
   3 | aishu | 25 |
   4 | ravi
               23 |
   5 | raju |
               25 |
+----+
6 rows in set (0.00 sec)
mysql> select names_name from names where names_age=23;
+----+
| names_name |
+----+
| neha |
ravi
+----+
2 rows in set (0.00 sec)
mysql>
mysql> select* from names;
+----+
| names_id | names_name | names_age |
+----+
 1 | moni | 22 |
   2 | neha | 23 |
   3 | pavi |
               24 |
   3 | aishu | 25 |
   4 | ravi |
               23 |
```

```
| 5 | raju | 25 |
6 rows in set (0.00 sec)
mysql> select names_name from names where names_age>23;
+----+
| names_name |
+----+
| pavi |
| aishu |
| raju |
+----+
3 rows in set (0.00 sec)
mysql> select* from names;
+----+
| names_id | names_name | names_age |
+----+
| 1 | moni | 22 |
| 2 | neha | 23 |
| 3 | pavi | 24 |
| 3 | aishu | 25 |
 4 | ravi | 23 |
   5 | raju |
               25 |
+----+
6 rows in set (0.00 sec)
mysql> select* from names where names_age=25 and names_id=3;
+----+
| names_id | names_name | names_age |
+----+
```

```
| 3 | aishu | 25 |
1 row in set (0.00 sec)
mysql> select* from names;
+----+
| names_id | names_name | names_age |
+----+
| 1 | moni | 22 |
 2 | neha | 23 |
| 3 | pavi | 24 |
| 3 | aishu | 25 |
  4 | ravi |
                23 |
   5 | raju |
                25 |
+----+
6 rows in set (0.00 sec)
mysql> select names_id as id,names_name as'name',names_age as age from names;
+----+
|id | name | age |
+----+
| 1 | moni | 22 |
| 2 | neha | 23 |
| 3 | pavi | 24 |
| 3 | aishu | 25 |
| 4 | ravi | 23 |
| 5 | raju | 25 |
+----+
6 rows in set (0.00 sec)
```

mysql> select* from names;

```
+----+
| names_id | names_name | names_age |
+----+
   1 | moni | 22 |
   2 | neha | 23 |
   3 | pavi | 24 |
   3 | aishu | 25 |
   4 | ravi | 23 |
    5 | raju |
                25 |
+----+
6 rows in set (0.00 sec)
mysql> select* from names where age = "22" or name = "moni";
ERROR 1054 (42S22): Unknown column 'age' in 'where clause'
mysql> select* from names where names_age=25 or names_id=3;
+----+
| names_id | names_name | names_age |
+----+
| 3 | pavi | 24 |
   3 | aishu | 25 |
   5 | raju |
                25 |
+----+
3 rows in set (0.00 sec)
mysql> select* from names where age = "22" order by name = asc;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near 'asc' at line 1
mysql> select* from names order by names_name asc;
+----+
| names_id | names_name | names_age |
+----+
```

```
3 | aishu |
                  25 |
    1 | moni
                 22 |
    2 | neha |
                 23 |
    3 | pavi
                 24 |
    5 | raju
                 25 |
    4 | ravi
                 23 |
6 rows in set (0.00 sec)
mysql> select* from names order by names_name desc;
+----+
| names_id | names_name | names_age |
  4 | ravi | 23 |
    5 | raju
                 25 |
| 3 | pavi
           | 24 |
    2 | neha | 23 |
    1 | moni
                 22 |
    3 | aishu
                  25 |
6 rows in set (0.00 sec)
mysql> select* from names order by rand();
+----+
| names_id | names_name | names_age |
+----+
   1 | moni | 22 |
    2 | neha
                 23 |
   3 | aishu |
                 25 |
    3 | pavi
                 24 |
    5 | raju
                 25 |
```

4 ravi 23
++
6 rows in set (0.01 sec)
mysql>
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owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> create database family;
Query OK, 1 row affected (0.01 sec)
mysql> show databases;
++
Database
++
candidates
courses
dbfirst
dbsample

```
| family
| home
| information_schema |
| languages
| mysql
names
| performance_schema |
schools
student
sys
| teacher
15 rows in set (0.03 sec)
mysql> use family;
Database changed
mysql> select * from family;
ERROR 1146 (42S02): Table 'family.family' doesn't exist
mysql> create table family(f_id int,f_name varchar(14);f_age int);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near " at line 1
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near 'f_age int)' at line 1
mysql> create table family(f_id int, f_name varchar(14), f_age int);
Query OK, 0 rows affected (0.06 sec)
mysql> insert into kajol values(1,"rudhra",12);
ERROR 1146 (42S02): Table 'family.kajol' doesn't exist
mysql> insert into family values(1,"rudhra",12);
Query OK, 1 row affected (0.01 sec)
mysql> insert into family values(2,"ramya",10);
```

```
Query OK, 1 row affected (0.01 sec)
mysql> insert into family values(3,"reshma",11);
Query OK, 1 row affected (0.01 sec)
mysql> select * from family;
+----+
| f_id | f_name | f_age |
+----+
| 1 | rudhra | 12 |
| 2 | ramya | 10 |
| 3 | reshma | 11 |
+----+
3 rows in set (0.00 sec)
mysql> commit;
Query OK, 0 rows affected (0.00 sec)
mysql> update family set s_name='reshma' where s_id=3;
ERROR 1054 (42S22): Unknown column 's_id' in 'where clause'
mysql> update family set f_name='reshma' where f_id=3;
Query OK, 0 rows affected (0.00 sec)
Rows matched: 1 Changed: 0 Warnings: 0
mysql> start transaction;
Query OK, 0 rows affected (0.00 sec)
mysql> savepoint A;
Query OK, 0 rows affected (0.00 sec)
mysql> update students set f_name='ramya' where f_id=2;
```

```
ERROR 1146 (42S02): Table 'family.students' doesn't exist
mysql> update family set f_name='ramya' where f_id=2;
Query OK, 0 rows affected (0.00 sec)
Rows matched: 1 Changed: 0 Warnings: 0
mysql> savepoint B;
Query OK, 0 rows affected (0.00 sec)
mysql> ROLLBACK to B;
Query OK, 0 rows affected (0.00 sec)
mysql> select * from family;
+----+
| f_id | f_name | f_age |
+----+
| 1 | rudhra | 12 |
| 2 | ramya | 10 |
| 3 | reshma | 11 |
+----+
3 rows in set (0.00 sec)
mysql> ROLLBACK to A;
Query OK, 0 rows affected (0.00 sec)
mysql> select * from family;
+----+
| f_id | f_name | f_age |
+----+
| 1 | rudhra | 12 |
| 2 | ramya | 10 |
```

| 3 | reshma | 11 |

```
+----+
3 rows in set (0.00 sec)
mysql> select *from family where f_age='12';
+----+
| f_id | f_name | f_age |
+----+
| 1 | rudhra | 12 |
+----+
1 row in set (0.00 sec)
mysql> alter table family add f_age int;
ERROR 1060 (42S21): Duplicate column name 'f_age'
mysql> select* from students;
ERROR 1146 (42S02): Table 'family.students' doesn't exist
mysql> select* from family;
+----+
| f_id | f_name | f_age |
+----+
| 1 | rudhra | 12 |
| 2 | ramya | 10 |
| 3 | reshma | 11 |
+----+
3 rows in set (0.00 sec)
mysql> update family set f_age= 12 where f_id=1;
Query OK, 0 rows affected (0.00 sec)
Rows matched: 1 Changed: 0 Warnings: 0
mysql> select* from family;
+----+
```

```
| f_id | f_name | f_age |
+----+
| 1 | rudhra | 12 |
| 2 | ramya | 10 |
| 3 | reshma | 11 |
+----+
3 rows in set (0.00 sec)
mysql> update family set f_age= 11 where f_id=3;
Query OK, 0 rows affected (0.00 sec)
Rows matched: 1 Changed: 0 Warnings: 0
mysql> update family set f_age= 10 where s_id=2;
ERROR 1054 (42S22): Unknown column 's_id' in 'where clause'
mysql> update family set f_age= 10 where f_id=2;
Query OK, 0 rows affected (0.00 sec)
Rows matched: 1 Changed: 0 Warnings: 0
mysql> select* from family;
+----+
| f_id | f_name | f_age |
+----+
| 1 | rudhra | 12 |
| 2 | ramya | 10 |
| 3 | reshma | 11 |
+----+
3 rows in set (0.00 sec)
mysql> select * from family where f_age=11;
+----+
| f_id | f_name | f_age |
```

```
+----+
| 3 | reshma | 11 |
+----+
1 row in set (0.00 sec)
mysql> select (12+10) as addition;
+----+
| addition |
+----+
| 22 |
+----+
1 row in set (0.00 sec)
mysql> select current_timestamp;
+----+
| current_timestamp |
+----+
| 2023-06-28 12:44:26 |
+----+
1 row in set (0.00 sec)
mysql>
Enter password: ****
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 38
Server version: 8.0.30 MySQL Community Server - GPL
```

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement. mysql> create database employee1; Query OK, 1 row affected (0.01 sec) mysql> show databases; | Database | candidates | courses | dbfirst | dbsample | department | employee1 | family | home | information_schema | | languages mysql names | performance_schema | schools student sys | teacher

```
test |
18 rows in set (0.00 sec)
mysql> use employee1;
Database changed
mysql> show tables;
Empty set (0.04 sec)
mysql> create table employee1(id int not null,name varchar(50),department varchar(20));
Query OK, 0 rows affected (0.06 sec)
mysql> insert into employee1 values(12,'kamal','hr');
Query OK, 1 row affected (0.01 sec)
mysql> insert into employee1 values(13,'karan','it'),(14,'ravi','cs');
Query OK, 2 rows affected (0.01 sec)
Records: 2 Duplicates: 0 Warnings: 0
mysql> select* from employee1;
+---+
| id | name | department |
+---+
| 12 | kamal | hr |
| 13 | karan | it
| 14 | ravi | cs
+---+
3 rows in set (0.00 sec)
mysql> create table employee2(address varchar(50), regno int not null, phonenumber int(12));
Query OK, 0 rows affected, 1 warning (0.11 sec)
```

```
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0
mysql> select* from employee2;
+----+
| address | regno | phonenumber |
+----+
| haridwar | 12 | 1234 |
| dehradun | 45 | 890 |
| ramnagar | 13 | 6789 |
+----+
3 rows in set (0.00 sec)
mysql> select* from employee1;
+---+
| id | name | department |
+---+
| 12 | kamal | hr |
| 13 | karan | it
| 14 | ravi | cs
              Ι
+---+
3 rows in set (0.00 sec)
mysql> select* from employee2;
+----+
| address | regno | phonenumber |
+----+
| haridwar | 12 | 1234 |
```

| dehradun | 45 | 890 |

mysql> insert into employee2 values('haridwar',12,1234),('dehradun',45,890),('ramnagar',13,6789);

```
| ramnagar | 13 | 6789 |
+----+
3 rows in set (0.00 sec)
mysql> select* from employee1 inner join employee2 on employee1.id=employee2.regno;
+---+----+
| id | name | department | address | regno | phonenumber |
+----+
6789 l
+---+----+
2 rows in set (0.00 sec)
mysql> select* employee1.name,employee2.address from employee1 inner join employee2 on
employee1.id=employee2.regno;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near 'employee1.name,employee2.address
from employee1 inner join employee2 on employee' at line 1
mysql> select employee1.name,employee2.address from employee1 inner join employee2 on
employee1.id=employee2.regno;
+----+
| name | address |
+----+
| kamal | haridwar |
| karan | ramnagar |
+----+
2 rows in set (0.00 sec)
mysql> select* from employee1 left join employee2 on employee1.id=employee2.regno;
+---+
| id | name | department | address | regno | phonenumber |
+---+
```

```
| 14 | ravi | cs
          | NULL | NULL | NULL |
+---+----+
3 rows in set (0.00 sec)
mysql> select* from employee1 right join employee2 on employee1.id=employee2.regno;
+----+
| id | name | department | address | regno | phonenumber |
+----+
| NULL | NULL | dehradun | 45 | 890 |
+----+
3 rows in set (0.00 sec)
mysql> select employee1.name,employee2.address from employee1 left join employee2 on
employee1.id=employee2.regno order by employee1.name;
+----+
| name | address |
+----+
| kamal | haridwar |
| karan | ramnagar |
| ravi | NULL |
+----+
3 rows in set (0.00 sec)
mysql>
-----
Enter password: ****
```

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Your MySQL connection id is 39

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database members1; Query OK, 1 row affected (0.03 sec)

mysql> show databases;

| Database | candidates | courses | dbfirst | dbsample department employee1 | family | home | information_schema | | languages

| members1

| mysql

names

```
| performance_schema |
schools
student
sys
| teacher
| test
19 rows in set (0.02 sec)
mysql> use members2;
ERROR 1049 (42000): Unknown database 'members2'
mysql> use members1;
Database changed
mysql> show tables;
Empty set (0.02 sec)
mysql> create table members1(id int not null,name varchar(50),department varchar(20));
Query OK, 0 rows affected (0.07 sec)
mysql> insert into members1 values(12, 'kamal', 'hr');
Query OK, 1 row affected (0.01 sec)
mysql> insert into members1 values(13,'karan','it'),(14,'ravi','cs');
Query OK, 2 rows affected (0.01 sec)
Records: 2 Duplicates: 0 Warnings: 0
mysql> select* from members1;
+---+
| id | name | department |
+---+
| 12 | kamal | hr |
```

```
| 14 | ravi | cs
+---+
3 rows in set (0.00 sec)
mysql> create table members2(address varchar(50), regno int not null, phonenumber int(12));
Query OK, 0 rows affected, 1 warning (0.04 sec)
mysql> insert into members2 values('haridwar',12,1234),('dehradun',45,890),('ramnagar',13,6789);
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0
mysql> select* from members2;
+----+
| address | regno | phonenumber |
+----+
| haridwar | 12 | 1234 |
| dehradun | 45 | 890 |
| ramnagar | 13 | 6789 |
+----+
3 rows in set (0.00 sec)
mysql> select* from members1;
+---+
| id | name | department |
+---+
| 12 | kamal | hr |
| 13 | karan | it
| 14 | ravi | cs
                Ι
+---+
3 rows in set (0.00 sec)
```

| 13 | karan | it

```
mysql> select* from members2;
+----+
| address | regno | phonenumber |
+----+
| haridwar | 12 | 1234 |
| dehradun | 45 | 890 |
| ramnagar | 13 | 6789 |
+----+
3 rows in set (0.00 sec)
mysql> select* from members1 inner join members2 on members1.id=members2.regno;
+----+
| id | name | department | address | regno | phonenumber |
+----+
+---+----+
2 rows in set (0.00 sec)
mysql> select members1.name,members2.address from members1 inner join members2 on
members1.id=members2.regno;
+----+
| name | address |
+----+
| kamal | haridwar |
| karan | ramnagar |
+----+
2 rows in set (0.00 sec)
```

mysql> select* from members1 left join members2 on members1.id=members2.regno;

```
| id | name | department | address | regno | phonenumber |
+----+
| 14 | ravi | cs
          | NULL | NULL | NULL |
+---+----+
3 rows in set (0.00 sec)
mysql> select* from members1 right join members2 on members1.id=members2.regno;
+----+
| id | name | department | address | regno | phonenumber |
+----+
| NULL | NULL | dehradun | 45 |
                             890 |
| 13 | karan | it
          | ramnagar | 13 | 6789 |
+----+
3 rows in set (0.00 sec)
mysql> select members1.name,members2.address from members1 left join members2 on
members1.id=members2.regno order by members1.name;
+----+
| name | address |
+----+
| kamal | haridwar |
| karan | ramnagar |
| ravi | NULL |
+----+
3 rows in set (0.00 sec)
```

mysql>

Enter password: ****					
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owners.					
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.					
and the second details are adult violand.					
mysql> create database edubridge1;					
Query OK, 1 row affected (0.02 sec)					
mysql> show databases;					
++					
Database					
+					
candidates					
courses					
dbfirst					
dbsample					
department					
edubridge1					
employee1					
family					
home					

```
| information_schema |
| languages
| members1
| mysql
| names
| performance_schema |
schools
             - 1
| student
sys
| teacher
| test
20 rows in set (0.05 sec)
mysql> use edubridge1;
Database changed
mysql> show tables;
Empty set (0.02 sec)
mysql> create table edubridge1(id int not null,name varchar(50),department varchar(20));
Query OK, 0 rows affected (0.04 sec)
mysql> insert into edubridge1 values(12, 'rudhra', 'hr');
Query OK, 1 row affected (0.02 sec)
mysql> insert into edubridge1 values(13, 'karthi', 'it'),(14, 'baskar', 'cs');
Query OK, 2 rows affected (0.01 sec)
Records: 2 Duplicates: 0 Warnings: 0
mysql> select* from edubridge1;
+---+
```

```
| id | name | department |
+---+
| 12 | rudhra | hr |
| 13 | karthi | it
| 14 | baskar | cs
+---+
3 rows in set (0.00 sec)
mysql> create table edubridge2(address varchar(50), regno int not null, phonenumber int(12));
Query OK, 0 rows affected, 1 warning (0.04 sec)
mysql> insert into edubridge2 values('haridwar',12,1234),('dehradun',45,890),('ramnagar',13,6789);
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0
mysql> select* from edubridge2;
+----+
| address | regno | phonenumber |
+----+
| haridwar | 12 | 1234 |
| dehradun | 45 | 890 |
| ramnagar | 13 | 6789 |
+----+
3 rows in set (0.00 sec)
mysql> select* from edubridge1 order by rand();
+---+
| id | name | department |
+---+
| 14 | baskar | cs |
| 12 | rudhra | hr
```

```
| 13 | karthi | it
+---+
3 rows in set (0.00 sec)
mysql> select (1234+6789) as addition;
+----+
| addition |
+----+
| 8023 |
+----+
1 row in set (0.00 sec)
mysql> select current_timestamp;
+----+
| current_timestamp |
+----+
| 2023-07-03 10:44:03 |
+----+
1 row in set (0.00 sec)
mysql> select concat('baskar','karthi');
+----+
| concat('baskar','karthi') |
+----+
| baskarkarthi |
+----+
1 row in set (0.00 sec)
mysql> select concat('baskar',",'karthi') as full name;
```

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'name' at line 1

```
mysql> select reverse('rudhra');
+----+
| reverse('rudhra') |
arhdur |
+----+
1 row in set (0.00 sec)
mysql> select reverse(fname) from edubridge1;
ERROR 1054 (42S22): Unknown column 'fname' in 'field list'
mysql> select reverse(name) from edubridge1;
+----+
| reverse(name) |
+----+
arhdur |
| ihtrak
| raksab |
+----+
3 rows in set (0.00 sec)
mysql> select char_length('baskar');
+----+
| char_length('baskar') |
+----+
          6 |
+----+
1 row in set (0.00 sec)
mysql> select char_length(name) from edubridge1;
+----+
| char_length(name) |
```

```
6 |
        6 |
        6 |
3 rows in set (0.00 sec)
mysql> select lower ('BASKAR');
+----+
| lower ('BASKAR') |
+----+
| baskar |
+----+
1 row in set (0.00 sec)
mysql> select upper ('BASKAR');
+----+
| upper ('BASKAR') |
+----+
| BASKAR |
+----+
1 row in set (0.00 sec)
mysql> select upper(name) from edubridge1;
+----+
| upper(name) |
+----+
| RUDHRA |
| KARTHI |
| BASKAR |
+----+
```

```
3 rows in set (0.00 sec)
mysql> select replace('baskar rudhra karthi','haridwar','dehradun');
| replace('baskar rudhra karthi', 'haridwar', 'dehradun') |
| baskar rudhra karthi
1 row in set (0.00 sec)
mysql> select edubridge1,TRIM(name)as IDTRIM
  -> select edubridge1,TRIM(name)as IDTRIM;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near 'select edubridge1,TRIM(name)as IDTRIM'
at line 2
mysql> select name, department, substr from edubridge1;
ERROR 1054 (42S22): Unknown column 'substr' in 'field list'
mysql> select name,department,substr(name,baskar,rudhra) from edubridge1;
ERROR 1054 (42S22): Unknown column 'baskar' in 'field list'
mysql> SELECT SUBSTRING('rudhra baskar',12, 14) AS edubridge1;
+----+
| edubridge1 |
+----+
| ar |
+----+
1 row in set (0.00 sec)
mysql> select *from edubridge1
  -> where name LIKE;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near " at line 2
mysql> SELECT RTRIM( '
                           BASKAR
                                         ');
```

```
| RTRIM( 'BASKAR') |
| BASKAR |
1 row in set (0.00 sec)
mysql> SELECT LTRIM( 'RUDHRA', 'KARTHI');
ERROR 1582 (42000): Incorrect parameter count in the call to native function 'LTRIM'
mysql> SELECT LTRIM( 'RUDHRA');
+----+
| LTRIM( 'RUDHRA') |
+----+
| RUDHRA |
+----+
1 row in set (0.00 sec)
mysql> select *from edubridge1
 -> where name LIKE 'a%';
Empty set (0.00 sec)
mysql> select *from edubridge1
 -> where name LIKE department%;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near '%' at line 2
mysql> select *from edubridge1
 -> where name LIKE %department%;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near '%department%' at line 2
mysql> select *from edubridge1 where id between 12 and 14;
+---+
| id | name | department |
```

```
+---+
| 12 | rudhra | hr |
| 13 | karthi | it
| 14 | baskar | cs
+---+
3 rows in set (0.00 sec)
mysql> select *from edubridge1 where name like 'r%';
+---+
| id | name | department |
+---+
| 12 | rudhra | hr |
+---+
1 row in set (0.00 sec)
mysql> select *from edubridge1 where name like' _a%';
Empty set (0.00 sec)
mysql> select *from edubridge1 where name like' _u%';
Empty set (0.00 sec)
mysql> select *from edubridge1 where name NOTlike 'r%';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near 'NOTlike 'r%" at line 1
mysql> select *from edubridge2 where name NOTlike 'a%';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to
your MySQL server version for the right syntax to use near 'NOTlike 'a%'' at line 1
mysql> select *from edubridge2 where name NOT like 'a%';
ERROR 1054 (42S22): Unknown column 'name' in 'where clause'
mysql> select *from edubridge2 where address NOT like 'a%';
+----+
| address | regno | phonenumber |
```

```
+----+
| haridwar | 12 | 1234 |
| dehradun | 45 | 890 |
| ramnagar | 13 | 6789 |
+----+
3 rows in set (0.00 sec)
mysql> SELECT nameFROM edubridge1 WHERE ID = ANY (SELECt ID FROM edubridge1 WHERE id =
12);
ERROR 1054 (42S22): Unknown column 'nameFROM' in 'field list'
mysql> SELECT name FROM edubridge1 WHERE ID = ANY (SELECt ID FROM edubridge1 WHERE id =
12);
+----+
| name |
+----+
| rudhra |
+----+
1 row in set (0.00 sec)
```

mysql>